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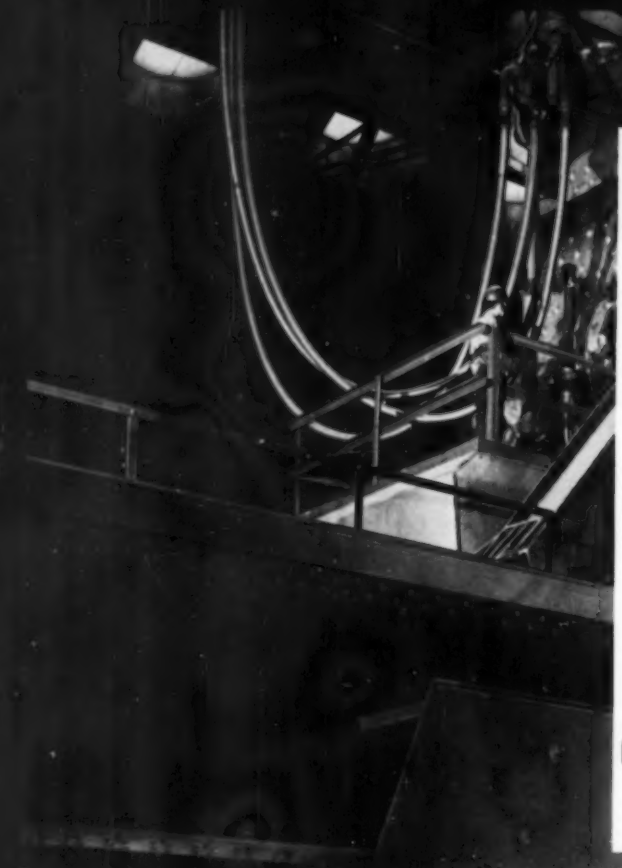

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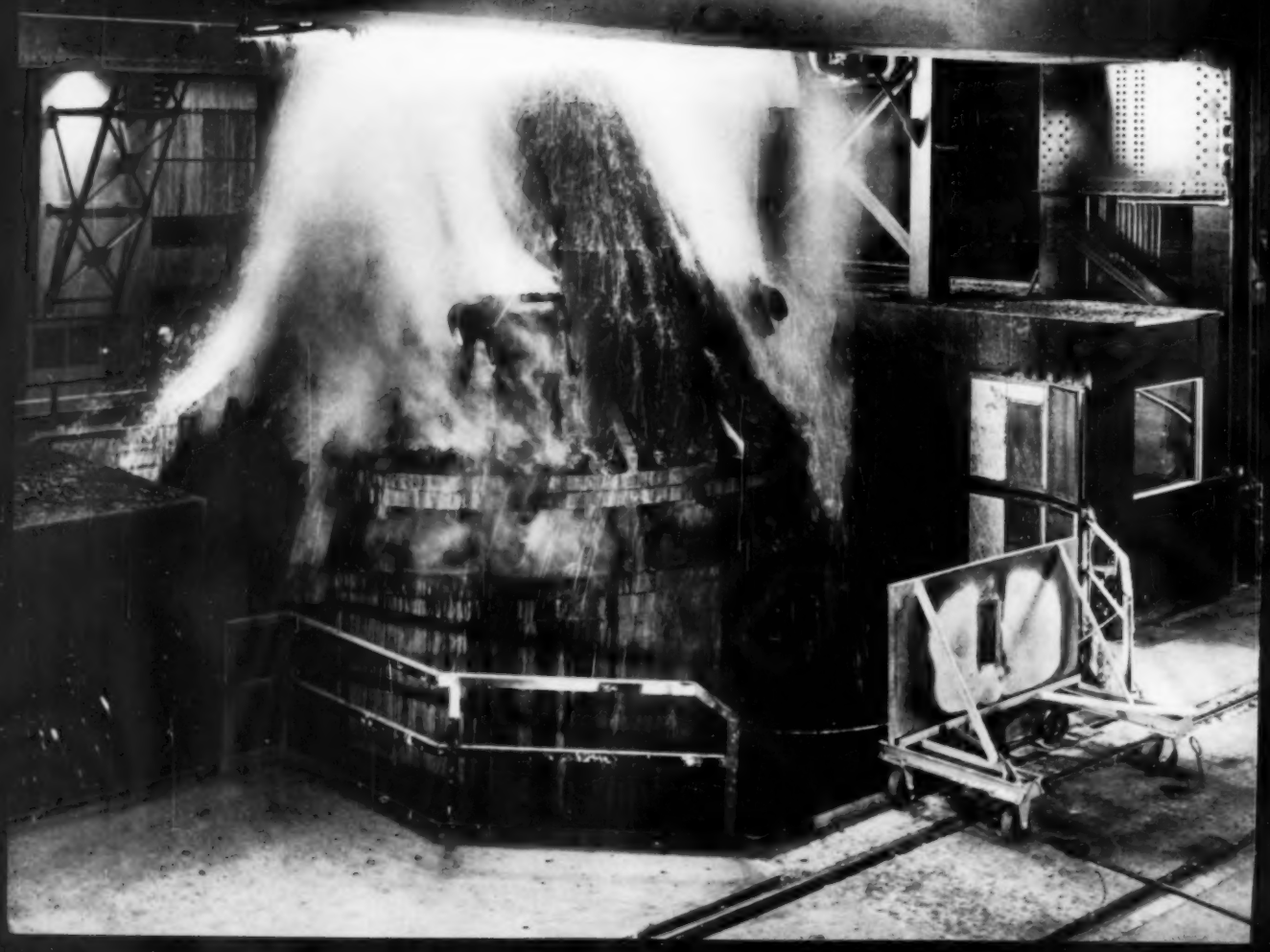

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Amer. Cast Iron Pipe Co.
Carter, Sam F., Jr.
Donoho, C. K.
Anderson Elec. Corp.
Davis, Moss V.
J. B. Clow & Sons
Neptune, Maurice D.
Connors Steel Div.
*Sandelin, Robert W.
Hayes Aircraft Corp.
Ricketts, W. E., Jr.
Willhelm, A. Clyde, Jr.
McWaine Cast Iron
King, O. H.
Worthington, B. W.
Shook & Fletcher Sup. Co.
Gearhart, Thomas A.
Southern Res. Inst.
Dismukes, Edward B.,
Wheelahan, Edmund J.
Thomas Foys
Miller, Ralph M.
Union Carbide Metals, Co.
Brandler, Edgar A.
U. S. Pipe & Fdry. Co.
Clay, Donald H.
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Caldwell, H. A.
Gilmer, H. U.
Harris, Thomas H.
Templeton, J. B.

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Alderson, G. E.
T.C.I. Div. U. S. Steel
Douglass, Frazier M.
*Hunt, John R.
Mayer, William C., Jr.
Queneau, Bernard R.
Stone, Jack M.
Walker, Jack D.
Wright, Lee J.
Unaffiliated
Balog, Edward G.

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Smitherman, C. Milton
Unaffiliated
Cahil, Jones M.
Wright, Loren B.

HUNTSVILLE

Mallory-Sharon Metals, Inc.
Kenney, James C.
Redstone Arsenal
Barnard, Lyle M.
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Unaffiliated
Gilino, Norman R.

LEEDS

Universal Atlas Cement
Hohl, Joseph L.

SHEFFIELD

Reynolds Metals Co.
Eckert, Theodore, Jr.
*Dickerson, Loren L., Jr.
Kibby, Robert M.
Morrissey, Herbert A.
*Nighman, William
Schneible, James H.
Williams, William C., Jr.

TUSCALOOSA

Morgan, Burford F.

UNIVERSITY

Bureau of Mines
Denaburg, Charles R.
Geol. Survey of Ala.
Jones, Walter B.

WOODWARD

Woodward Iron Co.
Bond, William R.
Unaffiliated
Price, Wm. W., Jr.

ALASKA

ANCHORAGE

Dunkle Fuel
*Dunkle, Gladys Elizabeth
Ramstad Construction Co.
Ramstad, J. S.
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Richards, R. S.

SITKA

Edgecumbe Explor. Co.
Morgan, Charlotte T.

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FORT SMITH

Athletic Min. & Smelt. Co.
Langham, Karl
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JONESBORO
Cunningham, Wm. R.

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Arkansas Foundry Co.
Brown, F. I., Jr.

MALVERN

Reynolds Metals Co.
Leipper, Alex
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Phelps Dodge Corp.
Barr, Alfred T.
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BAGDAD

Bagdad Copper Corp.
Colville, George W.

CASA GRANDA

McFadden, Gene

DOUGLAS

Phelps Dodge Corp.
Fowler, M. G.
Hale, Gilbert M.
*Klein, Leonard
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Towle, Stewart W.

HAYDEN

Amer. Smelting & Ref. Co.
Comstock, P. E.
Sharp, Melvin A., Jr.
Kennecott Copper Corp.
Halley, James H.
Speers, Elmer C.
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Cox, Howard D.
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INSPIRATION

Inspiration Cons. Copper Co.
*Kettering, Chas. B.

MIAMI

Intl. Smelt. & Ref. Co.
*Allen, Henry
*Foard, Harold
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Hyde, Richard R.

MORENCI

Phelps Dodge Corp.
Foard, James E.
Griffith, William A.
Kinneberg, A. H.
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Unaffiliated
Douthitt, Doug. D.
Hoffman, Floyd
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Colorado Fuel & Iron Corp.
Scotney, Gerald H.
Electric Steel Foundry Co.
Topping, Rolly
Motorola, Inc.
Keating, Kenneth L.
Taylor, Wm. E.
Phelps Dodge Corp.
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Reynolds Metals Co.
Kemppinen, Auvo I.
McLellan, David S.
Western Machinery Co.
Murdock, Don J.
Western Rolling Mills Div., Yuba Cons. Ind. Inc.
Ford, Palmer B.
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Arness, W. B.
*Lichty, Lyall J.

PRESCOTT

Shattuck Denn Mining Corp.
Kachnic, Jos. K.
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RAY

Kennecott Copper Corp.
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SAN MANUEL

San Manuel Copper Co.
Buchella, F. H.
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SILVER BELL

American Smelting & Refin. Co.
Boss, J. W.
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SUPERIOR

Magma Copper Co.
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*Harris, M. B.
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TUCSON

Hughes Aircraft Co.
*Fentnor, Louis H.
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Sanford Estes & Co.
*Estes, Sanford A.
Transarizona Resources, Inc.
*Freeman, George A.
Univ. of Arizona
Cunningham, J. B.
*Morris, T. M.
Shirley, Joseph F.
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Wesco Steel Rolling Mills
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BELMONT

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BERKELEY

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*Cornet, Israel I.
Dorn, John E.
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*Gordon, George M.
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Hultgren, Ralph
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Sandia Corp.
Mote, Morris W., Jr.
Univ. of Calif.
Jepson, James O.
Landon, Philip R.
*Rabb, David D.
Salter, Philip R.

LONGBEACH

Apex Smelting Co.
Raisig, Robert
Douglas Aircraft Co.
*Mehl, Fred G.
*Timer, Nathan A.
Long Beach State College
Nielsen, Herluf P.
Unaffiliated
Franc, C. F.
Riordon, Mathew B.

LOS ALTOS

Lange, Howard W.

LOS ANGELES

Air Research Manuf. Co.
*Bailey, Wm A.
Allied Metal Indust.
Gallagher, Robert A.
Aluminum Co. of Amer.
Dampman, John L.
*Paine, Roy E.
American Metal Climax Co.
Goheen, John L.
Wilson, John E.
Amer. Smelt. & Refin. Co.
Vorell, Frank J.
Coast Metals Inc.
*Cape, Arthur Tregoning
Collier Carbon & Chem. Corp
Brandt, H. H.
Wilde, T. J.
Copperweld Steel
Frost, C .E.
Eclipse Engrg.
Houston, Edward F.
Economics Research Assoc.
*Price, Harrison A.
Firestone Tire & Rubber Co.
*Mason, Hamilton
General Refract. Co.
Elms, Robert C.
Sammons, F. C.
Gladding, McBean & Co.
Rhodes, Joseph R.
Golden West Salvage
*Kaufman, Jerry J.
Harbison-Walker Refract. Co.
Snellman, Roger
Hughes Semiconductor
McCaldin, James O.
B. R. Jones & Co.
Joy, Stanley R.
Kennard & Drake
*Drake, John F.
Ladish Pacific Div.
Huffaker, Ray E.
Norris-Thermador
Canright, Robert E.
North Amer. Aviation Co.
Beeson, Phillip A.
*Happe, Ralph A.
Janney, Frank G.
Marby, Milton M.
Matsuda, Tak
Phillips, Claude W.
Wilson, Kenneth R.
Phelps Dodge
Colda, Edward W.
Raymond Osborne Labs.
Rayyis, Awni S.
Rocketdyne
MacDonald, Fred H.
Schroter & Lockwood, Inc.
*Lockwood, R. Bruce
Smith-Emery Co.
Slater, E. O.
So. Western Portland Cement Co.
*Barr, Gordon W.
Space Technology Labs
Hamilton, J. Hugh
Uddeholm Co. of Amer.
Enevik, Erik V.
Union Carbide Metals Co.
Aeberly, R. A.
*Boericke, Frederic S.
U. S. Steel Corp.
*Saylor, W. A.
Western Precipitation Corp.
Schmidt, Walter A.
Welch, Harry V.
Unaffiliated
Block, Harold H.
*Evans, M. Harrison
*Fess, Edward E.
Herpers, Frank M.
Lynch, G. E.
Raiklen, Hyman I.
Snyder, Grant
Solani, William R.
Soupcoff, T. N.

LOS GATOS

Continental Materials Corp.
Heikes, George Conrad
Unaffiliated
Church, Howard

MANHATTAN BEACH

Pighini, G. P.

MARTINEZ

Mountain Copper Co. Ltd.
Matzinger, Charles Parkes

MAR VISTA

Balkins, Cleon V.

MAYWOOD

U.S. Steel Corp.
Crosby, R. Allen

MENLO PARK

Stanford Research Inst.
Desy, Donald H.
Frenkel, Robert E.
Parkman, Malcolm F.

MILL VALLEY

Cook, Frederick S.

MIL PITAS

Kaiser Alum. & Chem. Corp.
Bachman, J. R.

MONTEREY

Dalmo Victor Co.
*Hunnicutt, Richard P.
U.S. Naval Post. Grad. School
Goldberg, Alfred
*Marshall, George D., Jr.

MONTEREY PARK

Baker Metal Finishing Co.
*Sumner, E. V.

MOUNTAIN VIEW

American-Standard
Ikeuye, Kay K.
*Mash, Donald R.
Weil, Fredric E.

NATIONAL CITY

Martinez, Romulo M.

NEWPORT BEACH

Aeronutronic Systems, Inc.
Mills, George J.
Hughes Aircraft
Hergert, Wm. F.

NIPTON

Molybdenum Corp. of Amer.
*Wood, L. Russell
*Woodward, H. S.

NORTH HOLLYWOOD

Bendix Aviation
*Mowry, A. L.
Superweld Corp.
*Jones, R. E.

OAKLAND

The Colo. Fuel & Iron Corp.
Lee, David L.
Dorr-Oliver, Inc.
MacAskill, Donald
H. J. Kaiser & Co.
Fullerton, Ray
*Havas, George
*Vogt, William A.
Kaiser Aluminum & Chem. Corp.
Buhler, James D.
Burnett, Leslie R.
Byrns, Alva C.
Cashin, Frank M.
Drennan, Russel T.
Hicks, James C.
Lewis, Robert Albert
Lindemuth, J. H.
Morgan, David W.
Myer, Richard T.
Schmidt, Murray
Taublieb, Marvin E.
Thompson, Leslie Bruce
Kaiser Engineers
Austin, Chester R.
Frain, J. Frank
Hahne, Werner H. E.
Prince, E. Jack
*Tietig, Rudolph Jr.
*Stone, Joseph K., Jr.
Kaiser Steel Corp.
McMeans, George B.
Unaffiliated
Akerlow, Earl V.

ONTARIO

Duffy, Edward J.
Self, Thomas A.

ORINDA

Putnam, Jack T.
*Thurston, Geo. H.

PALO ALTO

Hewett-Packard
*Natwick, John W.
Lockheed Aircraft Corp.
Jacobson, Martin I.
Meyers, Charles L., Jr.
Steinberg, M. A.
Sumsion, H. Theodore
Tietz, Thomas E.
Unaffiliated
Holman, Wm. R.
Marshall, S. M.
*Porro, Emo D.
Roberts, C. Sheldon

PASADENA

Calif. Inst. of Tech.
*Boundy, Robert A.
*Brothers, Alfred J.
*Duwez, Pol
*Freeman, Robert F., Jr.
*Jaffe, Leonard D.
*Kohorst, Donald P.
*Rittenhouse, John B.
Rosenthal, Frank D.
Taylor, Jack L.
Willens, R.
Electro Optical Systems
Wright, William V., Jr.
Reed & Reese, Inc.
Reed, J. Ross
Unaffiliated
Jordan, Paul L.
Simmons, Edw. E., Jr.
Smith, Edwin K.

PERMANENTE

Kaiser Aluminum & Chem. Corp.
McLaughlin, Alton E.

PIEDMONT

Vreeland, Geo W.

PITTSBURG

Dow Chemical Co.
Olson, Robert S.
U. S. Steel Corp.
Caldwell, Thos E.
Pausa, C. Edward

PLEASANTON

Genl. Elec. Co.
Holden, Abe N.
Sanderson, Morris J.

PT. MUGU

Pacific Missile Range
Nothwang, Louis C.

POMONA

Convair
Rizley, John H.

RANCHO CORDOVA

Warga, Joseph J.

REDDING

Anderson, C. T.

REDLANDS

Grand Central Rocket Co.
*Mesick, Benjamin S.
Unaffiliated
Heeseman, Adolph

RICHMOND

Standard Oil Co. of Calif.
Mack, Bernhard V.

RIVERSIDE

Hunter Engrg. Co.
*Gustafson, R. A.

SACRAMENTO

Aerojet-Gen'l Corp.
*Bricksin, Michael I.
*deMarchi, Vincent S.
*Hoff, Richard Leigh
*Inouye, Frederick T.
*Locke, Saul R.
Perkins, Roger A.
Unaffiliated
Toth, Robert G.

SAN DIEGO

Convair
Chafey, James E.
*Jones, Richard Lee
Mikus, Ernie B.
*Plummer, Clayton E.
Turner, Harrison C.
Vermilyea, Earl J.
Ward, Oscar T.
*Watson, James F.
General Dynamics
*Gurinsky, David H.
Simnad, Massoud T.
Trozera, Thomas A.
*Wallace, Walter P.
John Jay Hopkins Lab.
White, Jack L.
*Bokros, Jack C.
Solar Aircraft Co.
Cremer, George D.
*Pintchuk, Norman S.
Troy, Walter C.
*Welty, John W.
Unaffiliated
Lefrots, Richard I.
Daur, J. E.

SAN FRANCISCO

Air Pollution Control Dist.
Aase, Glenn D.
Alum. Co. of Amer.
Melrose, Thomas H.
Amer. Smelt. & Refin. Co.
Chenkovich, Robert F.
*Reid, W. Spencer
Walker, Frederick
Beth. Pacific Coast Steel Corp.
Huck, George M.
Swett, Hubert C.
Bunker Hill Co.
Cutting, Roger H.
Elmore, M. E.
Torney, Emmett A.
City College of San Francisco
*Tarnopol, Lester
Gladding, McBean & Co.
Primm, H. E.
Harbison Walker Refract.
McGill, L. A.
Hardinge Co., Inc.
Baldwin, R. L.
Miller & Lux, Inc.
Bowles, Henry M.
National Carbon Co.
Rand, Murdock M.
Warren, James W., Jr.
Ocean Services, Inc.
Morrison, Peter
Owens-Illinois Glass Co.
*Menoher, Pearson T.
H. K. Porter Refract.
Meagher, Thomas F.
San Francisco Naval Shipyard
*Daniloff, Boris N.
Standard Oil of Calif.
Cadle, Austin
*Fritz, Elvin L.
King, K. Van Ness
Switters, Robert D.
Taylor-Wharton Co.
Wood, Gerrit V.
Union Carbide Metals Co.
Pfeifer, Herman J.
Reeder, David B.
Watson, G. A.
U.N. Korean Recon. Agency
*Brittingham, Geoffrey J.
U.S. Army
Petrecca, W. H., Jr.
Sotok, Fred A.
U.S. Marine Corps
Makar, Harry V.
U. S. Steel Corp.
Brinton, Robert C.
Fitzwilson, C. H.
Freeman, Robert B.
*Harris, Fred A.
Morgan, Ronald C.
Scott, W. Kenneth
Westhaver, Loren J.
Wildberg Bros. S & R Co.
Wildberg, Irving I.
Unaffiliated
Bowden, Robert M.
Caldwell, Robt. C.
Fellom, Roy, Jr.
Gladkov, V.
Hammersmith, F. A.
*Kirshenbaum, Noel W.
Koch, Jack N.
Lee, Harold F.
Macks, Morton
Orem, C. L.
*Penick, Walter L.
Reno, Robt. E., Jr.
Sykes, Wilfred

SAN JOSE

General Elec. Co.
Gaul, Gordon G.
*Kindness, Chas. A.
*Mommsen, J. T.
Smith, William R.
San Jose State College
*Anderson, James Howitt
Parkman, Ralph
*Peterson, R. E.

SAN MARINO

Kaiser Chemical
*Snider, Carl A., Jr.
Standard Oil Co. of Calif.
Radcliffe, Thos. D.

SAN MATEO

Frank, Otta A.
Wenrich, C. F.

SANTA ANA

Wershok, John

SANTA CLARA

Pickett, A. E.

SANTA MONICA

Douglas Aircraft Co.
Frederick, Stewart
Heise, Robert E.
*Schapiro, Leo
*Tuffnell, Glenn W.
Paper Mate Mfg. Co.
Alexander, Ben H.
Unaffiliated
Keller, Gerhard R.

SELBY

Amer. Smelt. & Refin. Co.
Anderson, A. D.
*Blankenburg, Francis A.
Cameron, Daniel R.
Green, Jack H.
Gregson, G. W.
Roy, Joseph T.
Shedd, Bates K.
Stillinger, Dudley L.
Unaffiliated
Gottstein, Jay S.
Lambe, James N.

SHERMAN OAKS

Adams, Chas. J.

SOUTH SAN FRANCISCO

Pyromet Co.
*Bertossa, Robert C.

SOUTH GATE

Nagel, Wilfred E.

STANFORD

Stanford Univ.
Burke, Peter M.
*Crook, Welton J.
*Huggins, Robert A.
*Macres, Victor G.
Munson, Darrell E.
*Parks, Geo. A.
*Shepard, O. Cutler
*Sherby, Oleg D.
*Stevenson, David A.

SUNNYVALE

Lockheed Aircraft Co.
*Burke, Edmund C.
Dong, James Y.
*Hawkes, Malcom F.
McDonald, John C.

TARZANA

Van Winkle, D. M.

TORRANCE

Felker Mfg. Co.
Kuzmick, Lester F.
Harvey Aluminum, Inc.
Borg, John
*Davis, LeRoy W.
*Greenleaf, William C.
Long, James Richard
Loevenstein, H.
Moudry, G. A.
*Stoyack, Edward J.
National Supply Co.
Nichols, Jackson R.
*Patterson, W. R.
Pacific Smelting Co.
Parsons, John "Steve"
Ruemmler, W. P.
Todd, Fred A.
Torrance Brass Foundry
*Seykota, Harold R.
U. S. Steel Corp.
Daugherty, Charles A.
Unaffiliated
Conaty, Francis H.

TWENTY-NINE PALMS

U.S. Marine Corps
Murphy, Hugh J.

VALLEJO

American Smelting & Refin. Co.
Moran, Frank C.
Mare Island Naval Shipyard
Bunch, Thornton C.
Schoenholzer, R. J.

VAN NUYS

Lockheed Aircraft Co.
*Craig, William J.
Marquardt Aircraft Co.
Weisert, Edward D.
Unaffiliated
Tiktinsky, Morris

VERNON

Aluminum Co. of America
*Chamberlain, James B.
Bethlehem Pacific Coast Steel
Williams, James O.

VISTA

Cooper, James B.

WALNUT CREEK

Morris, Mark M.

WHITTIER

J. Q. Adams & Asso.
*Adams, John Quincy
Unaffiliated
McDaniel, Harry A.
Russel, Robert G.

WOODLAND HILLS

Chang, Roger
Eikum, Alf

COLORADO

BOULDER

Dann, Robert K.
Hazen, Wayne C.
*Johnson, Arthur F.

CANON CITY

Mitchell, James

CAMP CARSON

Lear, Robert D.

COLORADO SPRINGS

Burgess, Thomas M.
*Childress, A. A.
Miller, Alfred M., Jr.
Simpson, R. E.

DENVER

Amer. Smelt. & Refin. Co.
Harrison, J. Paul
Miles, Wm. L., Jr.
Muench, Harold L.
Climax Fdy. Co.
*Drake, C. C.
Climax Molybdenum Co.
Norman, T. E.
Colo. Fuel & Iron Corp.
Corbetta, Anthony F.
Franz, Alwin F.
Denver Research Inst.
*Leighly, Hollis P., Jr.
Perkins, Frank C.
*Seibel, Richard D.
Electric Steel Foundry
Ley, A. G.
Gardner Denver Co.
Anderson, Floyd R.
T. C. Jarrett Co.
*Jarrett, Tracy C.
Glenn L. Martin Co.
*Christiansen, Nils
Masteller, Richard D.
Ramaley, Edward J.
McPherson Corp.
Koon, Jerry F.
Mine & Smelter Supply Co.
Engstrom, Roy C.
Morse Bros. Machinery Co.
Grimes, Max
Sundstrand Turbo
Price, Clifford W.
U.S. Bureau of Land Management
Conrace, Joseph E. C.
U.S. Mint
LaFollette, Bruce B.
Western Foundries
Higson, James L.
*Spillane, John H.
Unaffiliated
Brucerlin, Emil J.
Ferree, Thomas J.
Hansen, H. F.
Wilfley, Elmer R.

DURANGO

Walter J. Osterhoudt
*Osterhoudt, Walter J.

FORT CARSON

*Haarr, Allen P.

GILMAN

N. J. Zinc Co.
Wick, Clyde E.

GOLDEN

Colo. School of Mines
*Bainbridge, Douglas W.
*Hepworth, Malcom T.
*Lewis, Clifford J.
*Poole, H. Gordon
*Rinehart, Dr. John S.
*Shull, Charles M., Jr.
*Wichmann, Arthur P.
Yarroll, Warren H.

Kerr-McGee Oil Industries
Mattson, Vernon L.
Unaffiliated
*Carpenter, Clark B.
Galbraith, O. S.
Weber, Jack

GRAND JUNCTION

Climax Uranium Co.
Fisher, Robert E.
First Natl. Bank
Brown, M. O.
U.S.A.E.C.
McGinley, Frank E.
Unaffiliated
Barnes, Wm. L.
Lane, John W., Jr.
Morris, I. P.

LAKEWOOD

Kreag, Malcom G.

LEADVILLE

Amer. Smelt. & Refin. Co.
DeSantis, P. A.
Enochs, Richard C.

LITTLETON

Ohio Oil Co.
McKinnell, Wm. P., Jr.

MORRISON

Simons, Sanford L.

PUEBLO

Colorado Fuel & Iron Corp.
Anderson, Wm. R.
Grosvenor, George A.
Johnson, Robert N.
Malwitz, Dennis G.
Martin, Jay J.
Smith, Rudolph
Williams, Robert R., Jr.
Siemiller, Glenn O.

RIFLE

Phillips, Loyal S.

TELLURIDE

Idarado Min. Co.
*Jorgensen, Millard A.

WHEATRIDGE

Parks, William R.

CONNECTICUT

ANSONIA

Farrel-Birmingham Co.
*Connors, Henry E.
Erler, J.
Richter, G. L.

BETHEL

Montgomery, R. B.

BLOOMFIELD

Kaman Aircraft
Falcone, Alfred S.
Unaffiliated
Ramball, Enis L.

BRANFORD

Jas C. Hartley Assoc. Inc.
*Hartley, James C.
Malleable Iron Fittings Co.
Blosjo, Herbert H.
Nutmeg Crucible Steel Co.
*Hartgen, Frederick A.
Unaffiliated
Jameson, A. H.

BRIDGEPORT

Bridgeport Brass Co.
Baxter, Robert
Blomquist, Harold V.
Bregy, Louis F.
Buell, Malcolm A.
French, Rolland Sydney
Grzywacz, W. Konrad
Ludington, Emerson N.
Mooney, William C.
Pels, Alan R.
Pratt, Roydon S., Sr.
*Price, Thomas C., Jr.
Quadt, R. A.
Schuetz, Arnold E.
Summey, Richard W.
Toussaint, William T.
Bridgeport Public Library
Sohon, Julian A.
Bridgeport Testing Lab Inc.
*Summers, Richard
Bullard Co.
Stevens, Marshall W.
Carpenter Steel of New England Inc.
*Merritt, Clarence G.
Handy & Harmon
Abrams, Arthur J.
Chamer, Ernest S.
Christie, John L.
Coxe, Charles D.
*Donahue, George F.
Leach, Robert H.
Marsland, C. Reginald
Unaffiliated
Clark, Walter
Hibbard, Walter R.
Palenchar, John J.

BRISTOL

Associated Springs Co.
Johnson, William R.
Bristol Brass Corp.
Thelin, Lewis E.
Unaffiliated
Maker, James H.

BROAD BROOK

Hamilton Standard
Clark, Hugh M.

CANAAN

Eddy, Lawrence

CANTON

John Swift Chem Co. Inc.
*Swift, John A.

CHESHIRE

Diehl, Richard C.
Korten, Robert O. B.
Merriman, T. S.
Richards, John T.

DANBURY

Newmont Exploration Ltd.
Peterson, Robt. C.
Republic Foil Inc.
Douglas, John W.

DARIEN

Food Machinery & Chem. Co.
Work, Josiah
Unaffiliated
Chambers, F. W.
Chapman, Charles J.
Fisher, Lorenz A.

EAST HARTFORD

United Aircraft Corp.
*Burgess, Keith N.
Donachie, Matthew J., Jr.
Joseph, A. David
Kraft, R. Wayne
Lutz, A. F.
Mertz, John C.

ESSEX

Leavenworth, H. W., Jr.

FAIRFIELD

Handy & Harman
McDonald, Allen S.
*Sistare, George H., Jr.
Unaffiliated
Chatfield, C. H.
Cleveland, George W.
Engstrand, E. Ray
McElwain, K. M.
Schaffert, Don G.

GLASTONBURY

Kycia, Michael A.

GREENWICH

Hoover, Allan
Rendahl, O. B.
Sipp, Elmer F., Jr.
Walsh, William L.

GROTON

General Dynamics Corp.-E.B. Div.
Ballass, John T.
Jerome, E. Raymond
Kohn, Marvin L.
Messina, C. P.
*Planz, Edward J.
Shepheard, Robert G.
Webster, J. Charles

HAMDEN

Andress, Joseph C.

HARTFORD

Allen Mfg. Co.
*Sherman, Russell G.
Hartford Electric Steel Corp.
Lowstetter, Kenneth C.
J. M. Ney Co.
Smith, Denton L.
Underwood Corp.
Borin, Walter E.
Whitney Chain Co.
Mohr, J. H.

MANCHESTER

Sharp, Winston H.

MERIDEN

*Egeberg, B.
Trout, Delmar E.

MIDDLETOWN

United Aircraft Corp.
Clough, William R.
Delgrosso, Eugene J.
Tierney, James Michael

MILFORD

Dore, James E.
Seeley, Harold O.

NEW BRITAIN

Fafnir Bearing
Troost, Daan

NEW CANAAN

*Talmage, Robert

NEW HAVEN

Enthone Inc.
Meyer, Walter R.
Olin Mathieson Chem. Corp.
*Ball, Herbert A.
Chudy, Frank S.
Cobb, Harold M.
Garr, Carl R.
Gordon, E.
Hartshorne, Edward
Kalish, Herbert S.
*Kirk, William F
Lapat, Philip E
*Morris, James G.
*Peterson, Warren S.
Seastone, John B.
*Spaulding, Bruce W.
Treco, Richard M.
Rome Fastener Corp.
*Reiter, Stanley F.
Yale Univ.
Finch, Cabell B.
*Gordon, Robert B.
Mathewson, C. H.
*Milligan, William E.
Phillips, Arthur
*Robertson, W. D.
Wagner, James B., Jr.
Unaffiliated
Cogan, A. S.
*Hook, Ira T.

NOANK

Reed-Hill, R. F.

ORANGE

Crucible Steel Co. of America
Hyman, Normand
Olin Mathieson Chem. Corp.
*Lagemann, Milton F.
Unaffiliated
Chester, Paul L.
*Holtberg, Edwin P.

RIVERSIDE

Kenney, E. C.
Laub, Gustav

ROCKVILLE

Hokanson, Harry A.

SEYMOUR

Derby Castings Co.
*Stokesbury, Charles H., Jr.
Kerite Co.
Schmid, Charles F.

SHELTON

Hadley, Chester
Harvath, Louis
Keefe, Robert M.

SOUTH NORWALK

Li, Sing Bay

SPRINGDALE

McLean, Daniel C.

STAMFORD

Aries Assoc.
Aries, Robert S.
Dorr-Oliver Inc.
Harms, V.
Hochscheid, Robert E.
Roberts, Elliott J.
Kanthal Corp.
Hagglund, Erik H. M.
Norma-Hoffmann Bearings Corp.
Barker, C. S.
Teleregister Corp.
*Sindeband, S. J.
Unaffiliated
Smith, Rollin P.

STRATFORD

Avco Mfg. Co.
*Freeman, William R., Jr.
Goldblatt, Barry
Hey, Thomas H.
Manning, Maxwell & Moore Inc.
Eplett, Albert D.
Sikorsky Aircraft
Rees, F. C.
*VanDuzee, Gerald R.

THOMASTON

Thelin, Leon W.

TORRINGTON

American Brass Co.
*Christine, Richard J.
Endler, John F., Jr.
Unaffiliated
Pardon, Donald E.
Woodilla, John E., Jr.

WALLINGFORD

Wallingford Steel Co.
Fischer, Hugh B.
Giapponi, Reno T.
*Wiese, Donald H.
Zollinger, Robert W.
Unaffiliated
Wilton, Jos. W., Jr.

WATERBURY

American Brass Co.
Baker, Robert S.
*Cale, Norman H.
Eichelman, G. H., Jr.
Freeman, John R., Jr.
Lynch, John P., Jr.
Nevers, Ralph P.
Palmer, Earl W.
Spaulding, S. C.
Thompson, David H.
Tracy, Arthur W.
Weaver, Vincent P.
Williams, Richard L.
Wilson, Franklin H.
Chase Brass & Copper Co. Inc.
Aylard, Wm. F.
Blank, Albert I.
*Bray, Robert S.
Burghoff, Henry L.
*Burr, Malcolm F.
Crampton, D. K.
Russell, R. E.
Winter, Richard M.
Scovill Mfg. Co.
Barnes, Elmer S.
Berwick, John D.
France, Walter D.
Johnson, Wayne E.
Manning, Edward M.
Waterbury Farrel Fdy.
Griggs, Henry C.
Waterbury Rolling Mills Inc.
Miller, Jack A.
Unaffiliated
Bradley, John C.
Hull, Daniel R.
*Kemp, James T.
Port, John H.

WATERTOWN

Springmeyer, A. H.

WATERVILLE

Chase Brass & Copper Co.
Kuzmenko, Peter

WEST HARTFORD

Ramsey, John N.

WESTON

Wood, Fred F.

WESTPORT

Lehr, Raymond O.
Lysobey, Wm. R.

WEST SIMSBURY

*Phillips, Henry D.

WETHERSFIELD

Mott, Lambert H.

WILLIMANTIC

Jones & Laughlin Steel Corp.
*Feir, Marvin

WILTON

Dean Assoc.
*Dean, John G.

WINDSOR

Combustion Eng. Inc.
Armstrong, William John
*Chernock, W. P.
Kozol, Joseph
Robinson, George C., Jr.
Steele, Roger K.
*Zurmosky, George

WOODBURY

Sebring, Frank H.

DELAWARE

CLAYMONT

Colo. Fuel & Iron Corp.
Griffith, Walter G.
*Miller, J. Franklin
Smith, Hubert C.
Webb, Wm. S.

NEWARK

Krejci, Milo W.

NEW CASTLE

Trainer Associates Inc.
*Newbold, Albert G.

WILMINGTON

Atlas Powder Co.
Sanders, Marshall T.
E. I. DuPont De Nemours
Argyriades, Dimitri
Clark, James S.
Cox, John Jay, Jr.
Dieter, George E., Jr.
Evans, Clarence H.
Gee, Edwin A.
Hayes, Edgar E.
Hix, Hugh B.
Kachik, Edward A.
McNutt, James E.
Monson, Leon A.
Pollock, Warren I.
Ransom, J. T.
*Semlak, Karl A.
Snyder, John A.
Sutton, J. B.
Symonds, John
Trombly, Arthur J.
Wasilewski, Roman J.
Wise, Leonard G.
Pyrites Co. Inc.
*Hardick, William
Unaffiliated
Eichrodt, Charles W.
Gentry, R. W. H.

DISTRICT OF COLUMBIA

ACF Industries Inc.
Wilson, Evan F.
Blaw-Knox Co.
Bellows, E. R.
Calumet & Hecla Inc.
Maxwell, Wellwood H.
Catholic Univ. of Amer.
*Klier, Eugene P.
Centre D'Etudes Nucleaires
Tytgat, D. D.
Chambre Syn De La Sid Francaise
Schereschewsky, P. L.
Defense Materials Service
Fuller, Nathan F.
General Services Admin.
*Brussolo, V. A.
McCarthy, John J.
*Woodard, Dedrick A.
Guided Missile Dept. U.S. Navy
Hersch, Joseph E.
Intl. Coop. Adm.
Thompson, Norman E.
Interml. Bank for Recon.
Luzzatto, G. P. A.
N.A.S.A.
*Raring, Richard H.
Natl. Acad. of Sciences
Felbeck, David K.
Harris, William J., Jr.
Jordan, Louis
Natl. Bureau of Standards
Cuthill, John R.
Digges, Thomas G.
Ellinger, George A.
Geil, Glenn W.
Kurgel, Shea L.
Marsden, Chas. P., Jr.
Moore, George A.
Park, John J.
Vacher, Herbert C.
Wyman, LeRoy L.
U.S. Air Force
Condit, R. H.
U.S.A.E.C.
Nash, R. R.
Simmons, Julius M.
Staehle, Roger W.
VanBlarcom, Ernest C.
U.S. Bureau of Mines
Hayes, Earl T.
McDermid, Archie J.
Tucker, H. Austin
U.S. Geological Survey
Fournier, Robert O.
Turner, J. D.
U.S. Dept. of Navy
*Edelson, Burton I.
Harwood, Julius J.
Himmel, Lawrence
Toner, Harold J.
U.S. Naval Gun Factory
*Bernstein, Harold
DePierre, Vincent
U.S. Naval Res. Lab.
Achter, Meyer R.
*Chaplin, Edward J.
Goode, Robert J.
Meussner, Russell A.
*Pellini, William S.
*Stauss, Henry E.
U.S. Patent Office
Mullin, Bertram M.
U.S. Tarriff Comm.
*Strand, Carlyle H.
Washington Technical Services
*Wood, Robert F.
Unaffiliated
Brown, Floyd
Bukowski, Aubrey
*Loring, Blake Marshall
*McAdam, D. J., Jr.
Spendlove, Max J.
Wardell, R. N.
Webb, Wm. Y.

FLORIDA

BARTOW

Intl. Minerals & Chem. Corp.
*Lorentz, R. W.

CLEARWATER

*Phelps, Harold E.

DELRAY BEACH

Peters, James F.

FERNANDINA BEACH

Roberts, Edw. N.

FT. LAUDERDALE

Swank, C. Ferguson

FT. PIERCE

St. John, Harry M.

GAINESVILLE

Univ. of Florida
Gregg, Robert
*Rhines, Frederick N.

JACKSONVILLE

H. H. Robertson Co.
Luetscher, Oliver P., Jr.

LAKELAND

*Cowen, Rudolph H.
Lawyer, James E.

LAKE PARK

Moss, David W.

LAKE WALES

Darby, E. R.
Tinkler, Loyal George

MIAMI

AG Refining Co.
*Goradesky, Arnold
*Silver, Saul Z.
Sunray Chairs Inc.
Barsa, David J.

MIAMI BEACH

Reichert, Wm. G.

MULBERRY

Metal Coat, Inc.
Grader, Ken W.
Unaffiliated
Reynolds, Thomas M.

PENSACOLA

Columbia-National Corp.
Dupraw, William A.

ST. PETERSBURG

*Reinhardt, G. A.

SARASOTA

Miller, D. I.

TAMPA

Svend. A. Canariis Corp.
*Hardcastle, K. C., III
Unaffiliated
Bentley, DE Spence
United Aircraft
Taft, Barrett L.

WINTER PARK

*Hallows, Raymond L.

GEORGIA

ATLANTA

General Services Admin.
Sadow, Sigmund J.
Natl. Carbon Co.
Gerrity, John W.
Unaffiliated
Girdler, Joseph H.

MARIETTA

Georgia-Florida Drilling Co.
*Willingham, Charles B.

TATE

Durrett, T. J., Jr.

HAWAII

HONOLULU

Castle, S. N.
Robbins, Hallet R.

IDAHO

BOISE

Porter Bros. Corp.
Porter, Robert P.

HAMER

Peterson, Erle V.

IDAHO FALLS

Phillips Petr. Co.
Bartz, M. H.
*Beeston, Joseph M.
Gibson, George W.
Zelezny, William F.
Westinghouse Electric Corp.
Longua, Kerry J.

KELLOGG

Bunker Hill Co.
Bird, Robert L.
Burgess, Lamar W.
Dunn, George W.
*Ingvoldstad, D. F.
Keller, Samuel H.
Mealing, C. H.
Schmittroth, Walter
*Wilde, Willard Dean
Woolf, Wallace G.
Sunshine Mining Co.
Palmer, Harold R.
Sharp, Franklin H.
Unaffiliated
Hausen, Chas. B.

MOSCOW

Univ. of Idaho
Newton, Joseph

PINEHURST

Kimball, Carl A.

PLACERVILLE

Mayflower Gold Mines Inc.
Eldridge, Jas B.

POCATELLO

Food Mach. & Chem. Corp.
Vincent, Kenneth C.
Unaffiliated
Willey, Stephen F.

WALLACE

Hecla Mining Co.
Randall, Les J.

ILLINOIS

ALTON

Amer. Smelting & Refin. Co.
Baumann, George M.
Buck, Luther J.
*Lambert, Ronald F.
Laclede Steel Co.
Peters, W. A.
Yager, L. D.
Mississippi Lime Co.
Harney, A. A.
Unaffiliated
Day, P. W.

AURORA

Hagemier, Dwight

BARRINGTON

Amer. Can Co.
Klein, Albert J.
Spencer, Edward P.
Unaffiliated
Harness, Everett

BERWYN

Hradecky, F. J.

BROOKFIELD

Reynolds Metals Co.
Berman, Frank
English, John B.
Unaffiliated
Meinhart, W. L.

CALUMET CITY

Dexter, Eli William
Frick, E. T.
Katsahnias, T. G.
Schwarz, Arthur M.

CHICAGO

Acme Steel Co.
Batka, M. R.
Petry, C. J.
Richards, Edwin R.
Amer. Brake Shoe Co.
Fabert, Herman A., Jr.
Mullin, J. L., Jr.
*Wallace, J. Walter
Amer. Steel Foundries
Mickelson, Cedric G.
Walcher, E., Jr.
A. E. Anderson Const. Corp.
Spang, M. Clarence
Apex Smelting Co.
*Foss, F. William
Martin, Edward J.
Armour Res. Found.
*Crossley, Frank A.
Elliott, Rodney P.
Goldenstein, Adolph W.
*Gouwens, Paul R.
*Komjathy, Steven A.
Lillie, C. Robert
McAndrew, Joseph B.
McPherson, Donald J.
*Metcalfe, A. G.
Rausch, John J.
Read, Robert H.
Rostoker, William
Simcoe, Charles R.
Spachner, Sheldon A.
*Weinberg, Alfred F.
Weinstein, Daniel
Austenal Co.
Collins, Paul F.
Babcock & Wilcox Co.
Forsyth, Robert H.
Bastian-Blessing
*Jean, Joseph Henry
Bell & Howell
Eriksen, Reidar
Black Hills Tin Co.
Beatty, Ross J.
Blaw-Knox Co.
Didrickson, John E.
Weiblen, Carl F.
A. J. Boynton & Co.
*Benson, Earle G.
*Boynton, A. J.
*Greenburg, Joseph H.
*Vaill, Ralph
Burnside Steel Foundry Co.
Faist, Charles A.
Capital Brass & Alum. Fdy.
White, Herbert A.
Carb-Rite Co.
Flodin, Earl G.
Cardox Corp.
See, Fred O.
Chicago Bridge & Iron Co.
Bunk, A. P.
Chicago Fire Brick Co.
McDevitt, James E.
Chromium Mining & Smelt. Corp.
Belz, Fred W.
Geigel, M. J.
McVicker, Carl L.
Megill, H. B.
Speer, Richard N.
Columbia Tool Steel Co.
Boettger, Russell M.
Clarage, Arthur T.
Mathews, William J.
Scheid, Adolph Jos.
Scheid, Adolph J., Jr.
Commercial Testing & Engrg. Co.
*Anderson, W. W.

Continental Can Co.
Brick, Robert M.
Byrnes, John J.
Cannon, Howard S.
Garibotti, D. J.
Ripling, Edward J.
Crane Co.
*Kanter, Jerome J.
*Magos, John P.
Young, Henry A.
Danly Machine Spec.
*Packer, Kenneth F.
M. H. Detrick Co.
Cerny, James J.
Hay, R. Gerald
Hosbein, John W.
Jaros, A. Otto
Over, Ray E.
Pollen, C. F.
Power, W. J.
*Roman, James H.
Stanley, Robert J.
Fansteel Met. Corp.
Driggs, Frank H.
Eichler, Alvin M.
Graves, Donald B.
Highriter, Harry W.
Law, Jack M.
Michael, Arthur B.
Redwanz, James O.
A. Finkl & Sons
Cox, C. Richard
Finkl, C. W.
McFarland, Richard A.
General Refract. Co.
Abbott, Mark L.
Bartlett, Thomas S. V.
Koeneman, Milton H.
Mattox, Robert F.
Mohr, Jos. S.
Goldsmith Bros. S & R Co.
Goldsmith, Marc S.
G.P.E. Controls Inc.
Velten, H. J.
The Edward Gray Corp.
*Gray, Robert A.
Yarnall, Wayne B.
Griffin Pipe Div.
Marold, Frank
Griffin Wheel Co.
Woodburn, James, Jr.
Harbison-Walker Refrac. Co.
Findley, Roger S.
Hiller, Harvey R.
Owen, John H.
E. S. Harman Corp.
*Harman, E. S.
Hayden & Co.
Hayden, Carl F.
Robert W. Hunt Co.
*Dallman, Robert
Ill. A. P. Green Firebrick Co.
Petersen, Geo. W.
Vaeger, Chas. J.
Ill. Clay Prod. Co.
Biddle, George J.
Neubauer, Fred W.
Pell, Robert E.
Ill. Inst. of Tech.
*Goff, Ira N.
*Gordon, Paul
*Mondolfo, L. F.
Inland Steel Co.
*Boatman, Harold R.
Bonick, James F.
Bower, Sidney C.
Dementis, Gilbert
Johnson, Hjalmar W.
Kik, Frank R.
Macomb, John de N.
*Macomb, J. N. Jr.
Mahlie, Carl C.
Plimpton, Theodore F.
Rich, Francis M.
Interlake Iron Corp.
Johnson, Philip C.
Kaase, Roger C.
Intnatl. Harvester Co.
Anderson, Robert W.
Briske, Hubert W.
Demshar, M. F.
Graham, J. D.
Groen, Richard George
Halgren, John A.
Hoffman, William P.
Holtz, Richard D.
Jolly, A. H., Jr.
Linnell, W. S.
*Logan, Harold W.
MacDonald, Chas. C.
Nickel, Melvin E.
Nichols, Paul R.
Owens, James W.
Pigott, John R.
*Reyer, E. H.
Rose, George E., Jr.
Schwartz, Ernest H.
Solecki, Edward A.
*Wing, Wallace E., Jr.
Intnatl. Nickel Co.
Geiger, H. L.
Kaiser Aluminum
Daley, Bernard A.
Kensington Steel Co.
*Dempsey, Patrick E.
H. Kramer & Co.
Halliwell, Geo. P.
Romanoff, William
Schmidt, Donald G.
Kropp Forge Co.
*Jean, Albert J.
LaSalle Steel Co.
Golick, A. Frank
Nachtman, Elliot S.
*Smith, Phillip Hartley
R. Lavin & Son, Inc.
Friedman, Isaac W.
Hesse, Alfred H.
E. J. Lavino Co.
Haseroot, Paul S.
Kroner, Edward E.
Lemont Mfg. Corp.
Jacobsen, W. B.
Lindberg Eng. Co.
Dunn, Ray P.
Koebel, Norbert K.
Linde Co.
*Brock, Carl A.
Smith, Hugh T.
Link-Belt Co.
Millard, L. O.
Miller, Robert W.
Marsh & McLennan Inc.
Morey, Albert A.
Material Service Corp.
*Wojtanowicz, Francis C.
Meissner Eng. Inc.
Straub, David R.
Mexico Refractories Co.
Chaney, Wm. S.
Jones, E. Murray
O'Connell, J. R.
Miller & Co.
Cameron, Donald S.
Landstrom, Robt. C.
Leininger, Jas. V.
John Mohr & Sons
Mohr, Louis E.
Mohr, Robert C.
Robinson, Alfred W.
Molybdenum Corp. of Amer.
Sniffen, Edgar W.
National Carbon Co.
Kolb, Todd L.
Lindenhayn, Rolf
Schreiner, John M.
National Cylinder Gas Co.
LaPota, John B.
National Lead Co.
Wickemeyer, C.
National Power Rodding Corp.
*Rudich, Harold S.
North Chicago Ref. & Smelt. Inc.
*Wigle, Allan S.
Pettibone Mulliken Corp.
Nass, Chester V.
Peterson Fdry. Supply Co.
Ellenbaum, Frank H.
P. G. H. Metal Co. Inc.
Skeer, Wm. F., Jr.
Plibrico Co.
*Sheeren, James J.
The Ramtite Co.
Campbell, George V.
*Sullivan, Daniel J., Jr.
Raybestos Manhattan Inc.
Knowles, Thomas H.
Republic Steel Corp.
Dukette, George W.
Dyer, Harry B.
Farley, Ralph W.
Gaydos, Richard
*Gergel, Ollie
*Hoff, William A.
*Kappenhagen, Arthur A.
Lagerstrom, G. R.
McCune, John P.
McCurdy, Ray J.
Nelson, Clarence
*Northrup, Harry H.
Popovich, V.
Rasmussen, Adolph P.
Russell, John V.
*Sullivan, James P.
Tamminga, Russell J.
Ross-Tacony Crucible Co.
Ludwig, Edwin C.
W. L. Rudin & Associates
*Rudin, Wm. L.
Jay J. Seaver Engineers
Seaver, Jay J.
Sipi Metals Corp.
Pinsof, Stewart B.
Specialloy Inc.
Silverstein, M.
Steel City Test. Engrg. Lab.
*Pallotto, Michael A., Jr.
Sterling Bolt Co.
*Wertheimer, E. G.
Chas. Taylor Sons Co.
Tokar, Floryan J.
Taylor Forge & Pipe Wks.
Anderson, Vernon E.
*Hirst, Bernard
Johnson, Donald R.
Treadwell Construction Co.
Bell, Edward J.
Union Carbide Metals Co.
Carleton, William O.
Collins, John F.
Helminiak, Elmer F.
MacCallum, Robert L., Jr.
Parfet, H. B., Jr.
United Electric Coal Co.
Kolbe, Frank F.
U. S. Radiator Corp.
*Walter, E. Richard
U. S. Steel Corp.
Ames, Richard N.
Armit, Edward N.
Barry, Richard E.
Benedict, Earl M.
Brown, R. R.
Buehner, Charles E.
Burt, Robert R.
Corning, Allyn R.
Cosgrove, Martin J.
Dahlquist, Richard E.
Deacon, A. J., Jr.
Dumpert, Laurence I.
Filar, Kenneth J.
Fisher, Frank M.
*Gathmann, Mark H.
Greaney, Thomas P.
Harrod, John E.
Haskell, W. E.
Hayes, Daniel J.
Hochberger, Henry W.
Hunter, Charles J.
Ingram, Walter J.
Irwin, James S.
Krebser, Herman U.
Lund, Randolph A.
Maxson, M. W.
McLain, W. R.
Miltenberger, R. S.
Olsen, Willard A.
Patterson, Herman A.
Pierce, David W.
Pierce, Earl W.
Powell, Donald B.
Primm, G. C.
Rudolphy, Edward C.
Schiene, Quentin J.
Stoll, Raymond C.
Stoll, Richard E.
Swanson, A. N.
Smithwick, John T.
Wayne, Ted J.
Wells, Lloyd L., Jr.
Wishart, Harold B.
Univ. of Chicago
*Barrett, Charles S.
*Birnbaum, Howard K.
Smith, Cyril Stanley
Stuart, John W.
University of Illinois
*Huitema, Roy
Vanadium Corp. of Amer.
Johnson, Geo. W.
*Patterson, Vernon H.
Western Electric Co.
*Anderson, Harvey A.
Fick, Armin F.
*Hjelm, Lawrence N.
Western Knapp Engrg. Co.
Brett, Willis H.
Youngstown Sheet & Tube Co.
Cochrane, Archie J.
MacKenzie, William J.
M. A. Young Co.
*Shapiro, Larry
Unaffiliated
Anthonisen, Robt. P.
Batina, Thos. L.
Campbell, Cyril J.
Chanak, John M.
Dennis, Theodore E.
Destry, Donald M. J.
Devereux, A.
Dutta, S. M.
Fleitman, Albert H.
Friedman, H.
Frisbie, Wm. J., Jr.
Goldfein, Harold A.
Grundman, W. E.
Hall, Camden E.
Jackson, David A.
Iannick, Robert F.
Kaufman, Hershel E.
Klapperich, A. J.
Lindblad, Norman R.
Lloyd, Donald W.
Marcheschi, R. P.
McCurdy, Chas. T.
McDonough, A. E.
Mever, Robert E.
Millar, Wm. D., Jr.
Mitchell, Jos. R.
Nutting, Paul W.
Paine, S. Hugh
Panka, David A.
Powell, Harry H.
Prisel, John C.
Rajala, Ben R.
Riley, L. R.
Robich, Richard
Schachner, Donald L.
Singer, W. A.
Stevens, Leo J.
Stollstorff, R. W.
Vaughan, Walter L.
Wilson, Wm. Jr.
Yarotsky, Michael F.

CICERO

Amphenol-Borg Electronics Corp.
*Kurtz, Norbert R.
Unaffiliated
Goheen, Ross W.
Kizior, Jerome J.

COLLINSVILLE

Banes, Otis H.
Fornero, John M.
Paden, Carl E.
Saunders, Wm. P.

CRETE

U. S. Steel Co.
Helgeson, R. E.

DECATUR

Borg-Warner Corp.
Martin, Roy C.
Mueller Co.
Mueller, Frank H.

DEERFIELD

Exum, Raymond E.

DEPUE

New Jersey Zinc Co.
Piletic, Robert F.

DES PLAINES

Amer. Foundrymens Society
Massari, S. C.

POLTON

Kaiser Aluminum & Chem. Corp.
Mueller, Paul E.
Widener, Paul L.
Unaffiliated
Lattin, Judson M.

EAST ALTON

Olin Mathieson Chem. Corp.
McLain, C. Donald
Neel, R. Milton
O'Donnell, W. M.

EAST ST. LOUIS

Aluminum Co. of America
Shepard, Nathaniel L.
Amer. Zinc Co. of Ill.
Carpenter, R. K.
*Dampf, Philip M., Jr.
Geist, Norman S.
*Moore, Thomas I.
*Spencer, Geo. L., Jr.
Wikete, Peter Jr.
Young, Donald R.
Amer. Zinc Lead & Smelt. Co.
Klein, Otto C.
Phillips, Kenneth A.
C. K. Williams & Co.
Rodrian, Richard H.

ELGIN

Elgin Nat'l Watch Co.
McGaughey, Raymond L.
Flexonics Corp.
*Salmon, Clarence P.

ELMHURST

Culhane, Frank R.
Jelinek, Howard F.
Lindgren, James R.
Merriam, A. W., Jr.

ELMWOOD PARK

Benson, Eugene M.

EVANSTON

Havens Assoc.
*Havens, Bernard H.
Refractory Products Co.
Woodruff, Ernest W.
Northwestern Univ.
Brittain, John O.
*Cohen, Jerome B.
*Fine, Morris E.
Hendrickson, Alfred A.
Unaffiliated
Hausner, H. J.
Sullivan, James W.

FEDERAL

ASARCO
Sale, Walter H.

FLOSSMOOR

Jones, Sam H.

FREEPORT

Kirkman, Fredrick J.

GENEVA

*Mathesius, Dr. Walther

GLENVIEW

Crocker, John

GODFREY

Counts, Charles R.

GRANITE CITY

Amer. Steel Foundries
Fredericks, Sigmund L.
General Steel Castings
Davis, William E.
Granite City Steel Co.
Henzelman, Carl F.
Howard, Arthur L.
Unaffiliated
Bumpers, Jay G.
Grotefendt, R. F.

HARVEY

Fennell Corp.
*Fennell, A. A.
Whiting Corp.
Donnelly, Robert W.
Morey, W. A.
*Vokac, Charles W.
Wyman-Gordon Co.
Borto, E. J.
Pomeroy, C. E.
Schmidt, L. R. G.

HIGHLAND PARK

Union Carbide Metals Co.
Baldrey, James H.

HILLSBORO

Eagle-Picher Co.
Dodd, Morris A.

HINSDALE

Carlson, Elmer A.
Meissner, Robert C.
*Swartz, Carl E.

HOLLYWOOD

Cizma, Ted

HOMEWOOD

Hawkinson, M. J.
Lamb, Benjamin S.

JOLIET

Illinois Clay Products Co.
Ekedahl, J. Charles
West, Howard F.
Ordnance Ammunition Command
Ridgway, Robert H., Jr.
Unaffiliated
Veale, Jack H.

KANKAKEE

General Mills Inc.
Freeman, A. J.

KENILWORTH

Booz-Allen Appl. Res.
*Petersen, Dr. Robert P.

LAGRANGE

Pulsifer, Verne

LAKE BLUFF

Sims, William E.

LAKE FOREST

Potter, Voluntine T.

LANSING

Vulcan Mold & Iron Co.
Peer, George J.
Unaffiliated
Brady, J. R.
Franzen, E. F.
Madrzyk, Edmund S.
Seely, Horace E., Jr.

LA SALLE

Matthiessen & Hegeler
Carus, Herman D.
Coolbaugh, William E.
MacBrayne, Charles R.
Waszkowiak, R. J.

LEMONT

Argonne Natl. Lab.
Brodsky, Merwyn B.

Burt, W. R., Jr.
*Carson, Neill J., Jr.
*Darby, Joseph B., Jr.
Dwight, Austin E.
Fisher, Edw. S.
Foote, Frank
*Hymes, Leslie C.
*Kelman, L. R.
Lloyd, Lowell T.
Martin, Allan E.
Mueller, Melvin H.
Neimark, Lawrence A.
*Nevitt, Michael V.
Rothman, Steven J.
*Schumar, James F.
*Wilkinson, W. D.
*Wurms, Charles
Yario, William
Zegler, S. Thomas
Lemont Mfg. Corp.
Mooney, Ernest J.

LINCOLN

Biehler, Deane I.

MADISON

Dow Chemical Co.
Ansel, Gerhard
Burns, Jay R.
Moser, Clarence J.

MARENGO

Arnold Eng. Co.
Graff, Howard F.
Gubbay, Jacob D.

MARINE

Tarris, Marcel

MARKHAM

Robins, Norman A.

MATHERVILLE

Harris, Thomas Lee

MAYWOOD

Flexonics Corp.
Farrar, John F. P.

McCOOK

Continental Smelt. & Ref. Co.
Sanowskis, Albert C.
Reynolds Metals Co.
Miller, Jack B.

MELROSE PARK

Natl. Mall. Steel Co.
Finch, David A.

MOLINE

Deere & Co.
McCullough, Earl M.
Strieder, Henry L.

MONSANTO

Sterling Steel Casting Co.
Shive, John O.

MORTON GROVE

Dole Valve Co.
Chace, Thomas B.
H. M. Harper Co.
Hookanson, Kenneth G.
*Merutka, John P.

NEW LENNOX

Frank, Leonard

NILES

Johnsen, Arnold C.

NORTH LAKE

Automatic Electric Co.
Lewnard, Edward J.

OAK PARK

Great Lakes Carbon Corp.
Richey, J. T.
Unaffiliated
Drimmer, Uri

PALANTINE

The Eimco Corp.
Emmett, Robert C., Jr.
Kaiser, Marvin M.

PALOS PARK

Leedy, Verne B.
Tolliver, Harold J.

Gray, Bonis G.
Hammer, Rudolph G.

PARK FOREST

Blumenthal, Bernard
Chiswik, H. H.
Feurer, William E.
Taussig, Charles A.

PARK RIDGE

Protomatic Inc.
*Daesen, John R.
Unaffiliated
Von Luhrte, C. E.

PEORIA

Caterpillar Tractor Co.
Beard, Max L.
Hays, Raymond H.
McKloskey, A. S.
*Oberle, T. L.
Keystone Steel & Wire Co.
Lindemuth, Lewis B., Jr.
Rosenbohm, Christian G.
Schoff, Louis E.
Sommer, Alvin H.
Unaffiliated
Hallett, Wm. M.
Paskal, Spiro

QUINCY

Gardner Denver Co.
Boynton, D. R.

RIVERDALE

Acme Steel Co.
Asherman, Charles D.
Bauer, Raymond A.
Burr, Louis, Jr.
Tatousek, Richard J.

RIVER FOREST

Schauss, Robt. P.

ROCKFORD

Joseph Behr & Sons
*Dryer, Joseph G.
Sundstrand Aviation Inc.
AuBuchon, Edw. L.
Lampert, Harold M.
Larson, Ronald C.
Leeming, Wilson
Unaffiliated
Simonovich, R. R.

SKOKIE

Intl. Minerals & Chem. Co.
Barlow, Thomas E.
Unaffiliated
Freise, Earl J.
Rosman, Morris

STERLING

Northwestern Steel & Wire Co.
Dillenbeck, L. R.
Goodall, John D.

TINLEY PARK

Grala, Edward M.

URBANA

Univ. of Illinois
*Altstetter, Carl J.
Balluffi, Robert W.
*Beck, Paul A.
*Block, Robert Jay
*Bruckner, Walter H.
Gupta, Devendra
*Lieberman, David S.
*Metzger, Marvin
Rajan, N. S.
*Read, Thomas A.
Ricketts, Bernard G.
*Seitz, Frederick
Stanley, James Travis
*Wayman, C. M.
*Wert, Charles A.
Unaffiliated
Killpatrick, Don H.

WASHINGTON

Van Pelt, Rich H.

WAUKEGAN

U. S. Steel Co.
Little, James C.
Unaffiliated
Thomas, Robert E.

WEST CHICAGO

Nutter, Orville C.

WHEATON

Shaner, Herbert J.

WHEELING

Sierra Metals Corp.
Holmes, Tunis L.

WILLOW SPRINGS

Prestley, John S., Jr.

INDIANA

ATTICA
Harrison Steel Castings
Lawson, B. A.

BEDFORD

General Motors Corp.
Esarey, Bernard J.

CHESTERTON

Schrader, C. F.

CONNERSVILLE

Design & Mfgr. Corp.
Yake, William H.

CRAWFORDSVILLE

Raybestos-Manhattan, Inc.
Collins, Ben T.

CROWN POINT

Rook, Robert H.
Smith, Fred R., Jr.
Sundquist, R. W.

EAST CHICAGO

Amer. Steel Foundries
Absalom, John S.
Rassenfoss, John A.
Blaw-Knox Co.
Eidam, Robert A.
*Luoma, John W.
Chicago Flame Hardening Co.
*Keeler, John R.
Combustion Engrg. Inc.
Akin, Richard K.
Edward Valves, Inc.
Carr, Laurence H.
*Grot, Arnold S.
Inland Steel Co.
Barnes, George C., III
Bebler, Lloyd E.
Berner, Louis R.
Bishop, William O.
Block, Philip D., III
*Boeheme, Harold C.
Brown, Calvin C.
Choulet, Richard J.
Clock, S. Irving
Corban, Frederick L.
Craig, George H.
Dittrich, W. E.
*Edmondson, Robert N.
*Evans, Thos. A.
Ferguson, Scott V.
Frame, C. P.
Gatewood, Emmett H.
Gentz, Robert S.
Gibson, Francis E.
Golding, James L.
Greene, Wm. A.
Hager, Harry A.
Halley, James W.
Ham, Coy S.
Harbaugh, Ross L.
Harrison, Charles H.
*Herbert, Bartholomeus
Howard, James M.
Jaicks, Frederick G.
Johnson, Franklin P., Jr.
Kahl, Waymond H.
*Kapitan, Josef S.
Kirkland, Charles F.
Kraay, Lawrence E.
Kroner, A. M.
Lawton, George C.
*Levine, Barry Herbert
Luellen, L. B.
Luerssen, F. W.
Mair, Logan
Martin, Edwin D.
Mattson, Kurt R.
Mayberry, J. F.
McConnell, John E.
McCormick, Wm. T.
Mohr, Joseph S., Jr.
Molnar, Louis
Morgan, Arthur T.
Munson, James Leonard
Myhre, Tom
Nelson, Francis D.
Neustaetter, Kurt
Phelps, Richard G.
Plimpton, George L.
Pruitt, Carey L.
Roelofs, Henry M.
Schumacher, H. N.
Schwendemann, Edward T.
Senour, Robert A.
Skelley, Harold E.
Slader, Wilfred H.
Squarcy, Charles M.
Streng, John
Tatu, John Jr.
*Taylor, Harold L.
Tenenbaum, Michael
Trilli, Lawrence J.
Underwood, Ernest
Walsh, William J.
Washburn, Thomas S.
Weymier, R. C.
Zorena, Peter J.
U. S. Reduction Co.
Licht, Charles A.
U. S. S. Lead Refinery, Inc.
*Smyers, F. C.
Warner, F. J.
Youngstown Sheet & Tube Co.
*Hess, Thomas D.
Jones, Myron A.
Mahaney, Earl W.
Ryan, H. R.
Sirel, I. A.
Steinweg, E. W.
Unaffiliated
Blumenthal, Leo
Craftor, Elzy A.
Kolina, Thomas
Liotta, Charles G.
McLure, Calvin A.
Rooney, Henry L.
Slifko, Michael G.

ELKHART

Northern Ind. Brass Co.
*Schalliol, Willis L.

FORT WAYNE

Deister Concentrator Co., Inc.
Weber, Don A.
Joslyn Mfg. & Supply
Witchey, R. H.

GARY

Gary Public Library
Van Handel, Ralph A.
U. S. Steel Corp.
Barnett, William R.
Bekovich, Joseph J.
*Cameron, Duncan S.
Coundiff, Russell S.
Duncan, J. W.
*Dwyer, Ray D.
Elliott, Verne E.
Erler, Harry W.
Flynn, William J., Jr.
Haniford, Orville O.
Harrington, John J.
Hendricks, L. Lerov
Hubbard, Howard N., Jr.
Laub, Roger E.
Meier, Stephen M.
Meyette, Charles L.
Roloff, Don V.
Shea, James A.
Skwarlo, John J.
Spitz, Harry S.
Smith, Kermit V.
Sorrells, E. C.
Thompson, Robert B.
Tucker, J. F.
Whittenberger, Edmond J.
Wilson, Sanford W.
Young, T. A., Jr.
Unaffiliated
De Lauro, Elliott
Goetz, M. E., Jr.
Hayes, Donald A.
Ivany, E. M.
Johnson, Howard C.
Kennedy, Eugene C.
Losinski, Stanley J.
Mc Morran, Geo.
Miller, F. K., Jr.
Turman, R. E.

HAMMOND

Basic Inc.
Stanton, T. P.
Wayman, Richard E.
Glidden Co.
Drapeau, Jos. E., Jr.
Indecon Corp.
*Brady, J. Ralph
Inland Steel Co.
*Collins, Joseph F.
Lambert, William N.
Kaiser Aluminum & Chem. Co.
Gehring, Wilbur H.
Petersen, R. L.
Unaffiliated
Franks, Robert E.
Johnson, Donald F.
Peters, A. T.
Quinn, Richard D.
Silberberg, Arthur
Weydert, Vernon C.
White, Robt. D.

HIGHLAND

Engquist, R. D.
Karlson, E. J.
McGaughey, E. R.

INDIANA HARBOR

Inland Steel Co.
Connor, Peter F., Jr.
Douglas, John Peter
Juster, Nathan B.
*Moylan, Frank J.
Wilson, Richard J.
Youngstown Sheet & Tube Co.
Reader, James M.

INDIANAPOLIS

Bridgeport Brass Co.
Carlson, Theodore H.
Electric Steel Cstg. Co.
Kurtz, Fred E.
General Motors Corp.
*Benbow, James M.
Hanink, Dean K.
Muszar, Karl E., Jr.
Singleton, Richard H.
Indar Corp.
Swazy, Earl F.
Linde Air Products Co.
Smith, G. H.
Link-Belt Co.
Sommer, George F.
P. R. Mallory & Co., Inc.
*Ang, Choh-Yi
Burkhammer, Eugene W.
*Hensel, F. R.
Moore, Charles H.
*Pipitz, Egon
Sigurdson, Harold
Mexico Refractories
Boyd, William E.
U.S. Naval Avionics Facility
*Harvey, Thomas G.
Unaffiliated
Carpenter, Robt. H.
Garvin, S. J.
Moen, Lowell J.
Seward, Robert E.

KOKOMO

Continental Steel Corp.
Miller, Arthur L.
Ropes, John L.
Schueler, J. L.
General Motors Corp.
Jaumot, Frank E., Jr.
Haynes Stellite Co.
Badger, F. Sidney, Jr.
Briney, Peter B.
Fritzlen, Glenn A.
Lewis, P. S., Jr.
McFerrin, W. B.

LAFAYETTE

Aluminum Co. of Amer.
Hurst, A. L.
Purdue Univ.
Archbold, Thomas F.
*Grace, Richard E.
*Parlee, Norman A. D.
Pearson, Donald A.
*Phelps, W. C. Jr.
Radavich, John F.
Rao, M. Mohan
*Rautala, Pekka
*Schuhmann, R., Jr.
*Winchell, Peter
Unaffiliated
Guy, Albert G.
Schmidt, Thomas W.

LA PORTE

Frey, E. I., Jr.

LONG BEACH

Kassin, John C.

LOWELL

Lindemer, Terrence

MICHIGAN CITY

O'Hara, Bernard N.

MISHAWAKA

Wheelabrator Corp.
*Conley, Clyde M.

MUNCIE

Indiana Steel & Wire Co., Inc.
Holmes, Alvin W.

MUNSTER

Akins, Robert S.
Baker, James T.
Christopher, C. F.
Penny, Emerson M.

Rudolf, John J.
Snyder, Russell A.

NEW CASTLE

Ingersoll Steel Div.
Poole, George M.

NOTRE DAME

Univ. of Notre Dame
*Allen, Charles W.
Chandler, Willis T.
*Cullity, B. D.
*Kuczynski, George C.
*Peretti, E. A.

SCHERERVILLE

Joseph, Robert W.

SHELBYVILLE

General Elec. Co.
Ruediger, Bernt A.
Ward, Raymond

TERRE HAUTE

Anaconda Aluminum Co.
Baughman, D. W.
Shirley, W. C.
Unaffiliated
Lentz, Jerry

WHITING

Amer. Smelting & Refining Co.
McQuillan, James F.
Standard Oil Co. (Ind.)
Banerjee, Bani R.
Samans, Carl H.
*Tisinai, George F.
Unaffiliated
Kovalchick, Robert
Linn, Thomas B.
Patterson, Everett M.

IOWA

AMES

Inst. for Atomic Res.
Parry, Sidney J. S.
Iowa State College
*Carlson, O. Norman
Peterson, David T.

DAVENPORT

Alloy Metal Products, Inc.
*Pesses, Marvin
Nichols Wire & Aluminum
Russell, James B.
Unaffiliated
Geisewite, C. F.
Steindorf, W. D.
Vaughn, John W.

KEOKUK

Keokuk Electro Metals Co.
Brookland, Donald F.
Midwest Carbide Corp.
Fulton, W. J.
Unaffiliated
Othmer, L. Earl

SIGOURNEY

Hayes, Anson

KANSAS

ATCHISON

Murphy, Robert J.

COFFEYVILLE

Ozark Smelt. & Min. Co.
*Wigton, George H.

FT. RILEY

Toliver, Jack E.

GALENA

Eagle-Picher Co.
Clearman, Frederick

LAWRENCE

Univ. of Kansas
*Rose, Kenneth E.
Smithmeyer, F. C.
Unaffiliated
Diaz, Ralph, Jr.
Jellison, Jim

OVERLAND PARK

Patterson, E. P.

PAOLA

Taylor Forge & Pipe Works of Kansas
Bennett, James R.

POTWIN

Vickers Petroleum Co., Inc.
*Schrepfer, August M.

PRAIRIE VILLAGE

Smalley, W. R.

WICHITA

Cessna Aircraft Co.
Simon, John D.

KENTUCKY

ALEXANDRIA

Bryant, Wayne L.

ANCHORAGE

Sheppard, John M.

ASHLAND

Armco Steel Corp.
Gelder, Ralph H.
McCutcheon, K. C.
Morris, Orville W.
Sammet, Paul G.

BENHAM

Hightower, Robert

CALVERT CITY

National Carbide Co.
Large, Frank E.
Lund, Russell T.
Pittsburgh Met. Co.
Dann, Theodore E.

COVINGTON

Russell R. Prows Refractories
Prows, Russell R.
Unaffiliated
Hesselman, Chas. B.

HAZARD

Davis, William R.

LEXINGTON

Univ. of Kentucky
Burka, James A.
*Crouse, C. S.
*Mateer, Richard S.
*Maynor, Hal W., Jr.
*Swift, Roy Erwin

LOUISVILLE

Amer. Air Filter Co., Inc.
Liskow, J. G.
Anaconda Aluminum Co.
Atkins, James W., Jr.
Clayton & Lambert Mfg. Co.
Rautio, Laurie J.
Corhart Refractories Co.
Hand, U. Thos.
Meyer, John K.
General Electric Co.
Cole, William C.
Unaffiliated
Hadley, Robert L.
Hurtgen, Archibald
Shotwell, H. V., Jr.
Smith, Fred C.
Spence, Robert H.
Walker, L. H.

MARION

Pennsylvania Salt Mfg. Co.
West, La Mont
Unaffiliated
Clement, Ben B.

NEWPORT

Acme Newport Steel Corp.
Fitzsimmons, Joseph P.
Miller, A. P.

PIKEVILLE

Harm, Oscar J.

LOUISIANA

BATON ROUGE

Kaiser Aluminum
Cundiff, W. H.
Unaffiliated
Andersen, John N.
Beilstein, Donald H.

CHALMETTE

Kaiser Aluminum & Chem. Corp.
Smith, Wm. R.

HARVEY

Precision-Rebuild Inc.
*Tillman, Cassius L. III

LAKE CHARLES

Cities Service Res. & Dev. Co.
Robinson, Herbert A.

NEW ORLEANS

Dibert, Bancroft & Ross Co. Ltd.
Liberto, Vincent J.
Freeport Nickel Co.
Dufour, Maurice F.
*Simons, C. S.
Service Foundry
Goodgion, Carl W.
Unaffiliated
Kemp, Emerson
Shutek, Jack L.

PORT NICKEL

Freeport Nickel Co.
Beyer, Arthur J.

SHREVEPORT

Plum, Russell V.

MAINE

SANFORD

Alloy Products Co.
Peterson, Eric G.

MARYLAND

Aberdeen Proving Ground
Glass, Coy M.
Moberg, Duane V.

BALTIMORE

Amer. Smelt. & Refin. Co.
Funke, Richard H., Jr.
Kleff, Arnold J., Jr.
Knierim, Carl A.
Leckie, John G.
Muth, Frank A.
Slocum, J. Curtis
Winkel, Matthew J.
Armco Steel Corp.
Goller, George N.
Hayes, Selden C.
Treppe, Vincent J.
Weitzenkorn, Lee F.
Wheeler, David L.
White, John S.
Eastern Stainless Steel Corp.
Zukor, Theorode J.
K. Hettleman & Sons Inc.
Keller, Edward C.
Johns Hopkins University
Harrison, Eleanor H.
Enoch Pratt Free Library
Hart, Eugene
Standard Lime & Cement Co.
*Porter, Robert R.
Tainton Co.
Pottberg, Rolfe
The Gibson & Kirk Co.
Horlebein, Edwin W.
The Martin Co.
*Demer, L. J.
*Frank, Louis
*Kramer, Irvin R.
*Otte, Henry M.
Peiffer, Howard R.
Seltzer, David D.
Westinghouse Electric
Lauriente, M.
C. A. Zapffe & Assocs.
*Zapffe, Carl A.
Unaffiliated
Bozman, Richarl Lee
*Clemmitt, W. B.
Dolan, Peter F.
*Feild, A. L.
Gathmann, Emil, Jr.
*Hower, Edwin N.
Jonas, Ernest
La Grelius, E. L.
Shapiro, Samuel
Sullivan, E. C., Jr.

BELAIR

Addicks, Lawrence

BETHESDA

Farmer, Max C.

CHESTERTOWN

Karpe, Sidney A.

COLLEGE PARK

U. S. Bureau of Mines
Kirby, Ralph C.
St. Clair, Hillary W.
Schlain, David

GERMANTOWN

Army Reactors Br. U.S.A.E.C.
*Baroch, Charles J.

HALETHORPE

Kaiser Alum. & Chem. Corp.
*Parker, Howard C.
*Ziebell, Down G.

HYATTSVILLE

*Conley, John E.
*Ralston, Oliver C.

MIDDLE RIVER

The Martin Co.
Precht, Walter

MONKTON

Baker, Daniel

POTOMAC

Kelley, George H.

RIVERDALE

Chicago Devel. Corp.
*Dean, Reginald S.
*Gullett, William W.
Nuclear Prods-Etco. Div. of ACF Ind. Inc.
*Siegel, Harold A.

SAVARNA PARK

Moiver, John D .

SILVER SPRING

Harris, James C. O.
Waggoner, Alvin G.

SPARKS

Drummond, P. R.

SPARROWS POINT

Arcrods Corp.
Claussen, Gerard E.
Bethlehem Steel Co.
Hoffman, Carl F.
Link, Joseph J.
Stott, C. T.
Wolf, Geo. Jos., Jr.

TOWSON

Bloom, Kenneth F.

MASSACHUSETTS

AMHERST

Univ. of Mass.
*Harrington, R. H., Dr.
*Keyser, Carl A.

ARLINGTON

Ferriss, Donald P.
Shaw, Donald H.

ATTLEBORO

Attleboro Refining Co. Inc.
Towle, E. F.
D. E. Makepeace Co.
*Capillon, Edward A.
M & C Nuclear Inc.
Binns, Frank Elston
Buchinski, Joseph J.
*Packard, Robert F.
Smith, W. Alan
*Staricenka, Joseph A.
Tegg, Robert O.
Turkanis, Marvin, M.
Unaffiliated
Barney, Haskell G.
Volterra, Renzo U.

AUBURNDALE

Suburban Met. Lab.
*Udin, Harry

BEDFORD

A. F. Cambridge Res. Center
*Lichter, Barry
Carman Labs. Inc.
*Carman, Justiie N.
Unaffiliated
Anjard, Ronald P.

BELMONT

Hoffman, Howard
Orowan, Egon
Zavarine, Igor N.

BEVERLY

Metal Hydrides Inc.
Alexander, Peter P.
Davis, Lewis W.
Frazier, Loring R.
Unaffiliated
Carlson, Kenneth A.

BOSTON

G. L. Cabot, Inc.
Scott, Joseph R.
Eastern Gas & Fuel Associates
Mitchell, John
Lessells & Asso. Inc.
Kyle, Peter E.
NE Metal Corp.
Bach, Dudley A.
Niforge Corp.
*Parlanti, Conrad A.
State St. Res. & Management
Shattuck, M. A., Jr.
U. N. Alloy Steel Corp.
*Siegel, Sidney
U. S. Machinery Corp.
Rao, Hosur S.
Unaffiliated
Corrigan, Don A.
*Cushing, Daniel
Gillis, Kenneth
Mulock, Fred S.
Talbot, Harold L.

BRAINTREE

Walworth Co.
Monkman, F. C.

BROOKLINE

Met. Prod. Co.
*Harrison I. Dixon
Unaffiliated
Rosenberg, Allan J.

CAMBRIDGE

Baird-Atomic Inc.
Baird, Walter S.
Harvard Univ.
*Chalmers, Bruce
*Davis, Richard S.
*Jackson, Kenneth A.
Wagner, Richard S.
Ionics Inc.
*Petrow, Henry G.
Arthur D. Little Inc.
Flint, E. P.
*Hyde, Richard W.
Margolin, Stanley V.
*Old, Bruce Scott
*Pepper, Edward L.
Schora, Frank C., Jr.
Manufacturing Labs. Inc.
*Kulin, Andrew S.
*Lement, Bernard S.
Mass. Inst. of Tech.
*Averbach, B. L.
*Backofen, Walter Alan
*Bever, Michael B.
*Brophy, Jere H.
*Chipman, John
*Cohen, Morris
*Elliott, John F.
*Flemings, Merton C.
*Floe, Carl F.
*French, David N.
*Gaudin, A. M.
*Grant, Nicholas J.
*Hahn, George T.
*Hayward, Carle R.
*Hirano, Kenichi Dr.
Johnson, Alan R.
*King, Thomas B.
Mullendore, A. W.
Niesse, John E.
Nordheim, Rolf
*Norton, John T.
Ogawa, Stanley Y.
*Radcliffe, S. Victor
*Rose Robert M.
*Shank, M. E.
Skolnick, Leo P.
*Taylor, Howard F.
Thomas, David A.
*Uhlig, Herbert H.
Wulff, John
National Research Corp.
Fincham, Christopher, J. B.
Ham, John L.
Moore, James H.

Stauffer, Robert A.
Torti, M. L., Jr.
Winston, A. W.
Smithsonian Inst.
Riggs, F. Behn, Jr.,
Unaffiliated
Fopiano, P. J.
Kumankiw, L. I.
Pelloux, Regis M. N.
Tahmoush, Frank G.
Walton, O.

CHESTNUT HILL

Greenspan, Jacob

CONCORD

Nuclear Metals Inc.
*Aronin, Lewis R.
Aronson, A. H.
Boltax, Alvin
*Fitzpatrick, John M.
Gardner, Frank S.
*Gardner, Norman R.
Geary, Arthur L.
*Gelles, Stanley H.
*Kaufmann, Albert R.
Kaufman, Douglas F.
*Klein, J. Lester
*Rapperport, Eugene J.
*Roll, Irwin Bob
Smith, Matthew F.
*Yams, F. M.
Unaffiliated
Johnston, James H.

EVERETT

Eastern Gas & Fuel Assoc.
Sedlachek, A. C.
*Zimmerman, Robert E.
General Electric Co.
*Duff, David H., Jr.
Melilli, A. S.
Manton Gaulin Mfg. Co.
Deackoff, Leon P.

GREENFIELD

Millers Falls Co.
Anderson, Leroy, L., Jr.

INDIAN ORCHARD

Chapman Valve Mfg. Co.
*Low, Sidney
Unaffiliated
Malcolm, Vincent T.

LEXINGTON

M.I.T., Lincoln Lab.
Gatos, Harry C.
Unaffiliated
Adams, Clyde M., Jr.

LINCOLN

*Smith, C. DeWitt

LYNN

General Electric Co.
Palty, Adolph E. Dr.
Seabrook, John B.
Wilde, Robert F.

MALDEN

Kaufman, Larry

MANCHESTER

*Gero, J. B.

MARSHFIELD HILLS

Crane, Theodore H.

MEDFORD

Clevite Transistor Prods.
Mortimer, George O.
New England Materials Lab.
*Zwilsky, Klaus M. Dr.

MELROSE

Brown, Paul E.

MILTON

Reynders, C.

NATICK

Lumbert, Geo. L.

NEEDHAM

Chambers, Charles R.

NEW BEDFORD

Continental Screw Co.
Knight, Stanley S.

Revere Copper & Brass Inc.
*Demirjian, Nash M.

NEWTON

Raytheon Mfg. Co.
Goodway, Martha E.
Postlethwaite, Alan W.
Unaffiliated
Rosenberg, R. A.

NEWTON LOWER FALLS

*Clevenger, Galen W.

NEWTONVILLE

G. H. Silver & Assoc.
*Silver, G. H.

NORTH GRAFTON

Wyman-Gordon Co.
Rustay, Arnold L.

NORTHAMPTON

Northhampton Cutlery Co.
Saunders, Walter M., Jr.

PITTSFIELD

General Electric Co.
*DeMoss, John E.
Jeffries, Zay
Morrill, Weston

QUINCY

Bethlehem Steel Co.
Olson, Robert L.

SPRINGFIELD

Guion, James L.
Schmidt, William A.
Underhill, C. L.

TOPSFIELD

Harris, Homer E.

WAKEFIELD

Transitron Electronic Corp.
Mayer, Simon Ernest

WALTHAM

Clevite Transistor Prod.
*Meyer, Herbert M.
Raytheon Mfg. Co.
*Das, Dilip K.
*Levesque, Pascal
Unaffiliated
*Flagg, Frederick P.

WATERTOWN

Alloyd Res. Corp.
*Comerford, Matthias F.
Elec. & Spectro Chem. Labs.
Swift, Geo. P.
Ordnance Materials Res. Labs.
Norton, M. R.
Watertown Arsenal
*Abrahamson, E. P., II, Dr.
*Alexander, John A.
Blakeney, Butler Sr., Jr.
*Buffum, Donald C.
Colling, David A.
*Cvikevich, Serge
Dunn, Edward J.
Gazza, G. E.
*Green, Harry M.
Hawley, Willard H.
*Hickey, Charles F., Jr.
Holmes, Kenneth O.
Kula, Eric
*Lyons, John W., Jr.
*Poteat, Laurence E.
*Reed, Norman L.
Valencia, Samuel
*Zotos, John
Unaffiliated
Kamen, Elliott L.
Patel, J. R.

WAVERLY

Fleischer, Robert L.

WAYLAND

Randall, Robert N.

WEST CONCORD

Nuclear Metals Inc.
Smoot, Perry R.
Wong, James

WEST LYNN

General Electric Co.
Hagel, William C.

WEST NEWTON

Myers, Herman L.

WEST ROXBURY

Kaplan, Henry

WEST SPRINGFIELD

Wallace Mfg. Corp.
Wallace, Edw. M.

WILBRAHAM

Safford, Alden

WILMINGTON

Avco Mfg. Corp.

*Gibbs, Thomas W.
Ruby, Stanley
*Scala, E.

WINCHESTER

National Lead Co. Inc.
Breitenstein, J. S.
Unaffiliated
Newton, Roger H.

WORCESTER

Morgan Construction Co.
Hall, Henry S.
Kneass, Strickland, Jr.
Norton Co.
Bibbins, Gareth L.
Parker Mfg. Co.
*Coleman, George W.
Presmet Corp.
Johnson, Carl G.
U. S. Steel Corp.
Olson, Thomas D.
Worcester Polytechnic Inst.
*Bourgault, Roy F.
*Krashes, David
Wyman Gordon Co.
*Cieslicki, M. E.
Durfee, George L.
Fuller, Geo. F.
Unaffiliated
*Forsberg, Frank

MICHIGAN

ADRIAN

Bridgeport Brass Co.
Nauss, J. G.
*Paul, Robert N.
Rubenstain, Henry S.
Stearns, William L.
Williams, Griffith, Jr.

ALBION

Albion Malleable Iron Co.
Chojnowski, E. F.
Devers, Melvin W.

ALLEN PARK

Calumet & Hecla Inc.
Wolverine Tube Div.
Coopes, Richard J.
Unaffiliated
Bailey, Ralph E.
O'Malley, Charles A.

ANN ARBOR

Federal-Mogul Research
Barera, Lawrence A.
Gallatin, Victor
Gould, Jas. C.
Univ. of Michigan
Angus, John C.
Cullen, Thomas M.
*Flinn, Richard A.
Floreen, Stephen
*Freeman, J. W.
*Hucke, Edward E.
*Ragone, David V.
Rowe, John Paul
*Siebert, C. A.
*Sinnott, M. J.
Stickels, Charles A.
*Van Vlack, Lawrence H.
*Wells, Ralph G.
Unaffiliated
Hammond, Charles M.
Newton, Charles W.
Rautiola, Lloyd E.

BATTLE CREEK

Eaton Mfg. Co.
*Settanni, Patrick M.

BAY CITY

Dow Chemical Co.
Yerina, Thomas E.

Unaffiliated
Brewster, Donald W.

BELLEVILLE

Shyne, John C.

BIRMINGHAM

Bundy Tubing Co.
*Hobrock, Raymond H.
Chrysler Corp.
Rundle, D. F.
Unaffiliated
Brown, John C.
Frey, D. N.
Nimeth, Anthony J.
Purman, A. E.
Stokes, Chester H.

BUCHANAN

Clark Equipment Co.
*Kenny, James B.

CALUMET

Calumet & Hecla Inc.
Craig, George L.

COLDWATER

Eaton Mfg. Co.
Pettibone, Robert L.

DEARBORN

Ford Motor Co.
Aaronson, Hubert I.
Alers, George A.
Arrott, Anthony
Boettner, Raymond C.
Bogart, Harold N.
Clark Harry W.
Conn, William C.
Ferris, George
Goering, William A.
*Guthrie, Robert
Hart, Warren E.
Humenik, Mitchell, Jr.
Justusson, William M.
Kiessel, William R.
*Liu, You-Chao
*MacNaughton, Fred P.
Marande, E. D.
Phillips, Charles W.
Pittenger, James G.
*Reilly, William J.
Richman, Roger H.
Schmatz, Duane. J.
Showak, Walter
*Sowa, Steven
Wheeler, Frank R.
Zackay, Victor F.
Glidden Co.
Smith, James Howell
Jose-Mundle Co.
Jones, Howard E.
Mexico Refractories Co.
*Laffoon, Arthur P.
Unaffiliated
Altenburger, C. L.
Burlingame, Richard
Carson Ralph K.
Holmes, George H.
Neff, Earl C.

DETROIT

Allegheny Ludlum Steel Corp.
Bateman, Jack
*Pearson, Dalton A.
Amer. Brake Shoe Co.
Natl. Bearing Div.
Browk, Bernard O.
Amer. Soc. of Tool Engrs.
*Fletcher, Leslie S.
Amer. Std. Industrial Div.
Phelps, Harold R.
Atomic Power Dev. Assoc.
Knight, Ford W.
Bigelow Liptak Corp.
Coddington, Wm. H.
The Budd Co.
Pulsifer, Harrison C.
Chrsyler Corp.
*Abbott, A. G., Jr.
Chapman, R. D.
*Hagen, Frederick A.
*Jominy, Walter E.
Mahr, Robert E.
Olson, John H.
*Ross, Stuart, T.
*Spencer, Andrew R.
Zurburg, Henry H.
Climax Molybdenum Co.
Bens, Frederick P.
Doane, Douglas V.
Herzig, Alvin J.
McArdle, Gordon D.
Scholtz, William G.
Semchyshen, Marion
Timmons, George A.
Commonwealth Industries
Beckwith, Bryson B.
Consumers Metal Corp.
Gittlen, Leon J.

The Dow Furnace Co.
Harris, Floyd E.
Eaton Mfg. Co.
Wilde, Richard A.
Fabsteel Sales & Eng. Co.
Stoneback, H. E.
Ford Motor Co.
Altstetter, John D.
Frakel Co. Inc.
*Brown, Charles E.
*Ruch, Robert
Towler, Thomas C.
General Electric Co.
Reich, William A.
*Schwartz, D. L.
Wallace, Ivan L.
General Motors Res.
Harvey, Douglas J.
Giffels & Rossetti
Tomaszewski, C. E.
Great Lakes Steel Corp.
Bringman, William A.
Collison, Wm. H.
Duffett, Ralph, Jr.
Klein, Otto A.
Leonhard, G. E., Jr.
*Lesso, Harold F.
MacDonnell, W. D.
*McGarrity, W. F.
Owens, Gerald L.
Razey, R. M.
*Shattuck, A. D.
Smith, James G.
Webster, Wm. H. C.
*Yoxall, John
Harbison-Walker Ref. Co.
Sinn, W. G.
Hoskins Mfg. Co.
Harvey, Martin D.
Spooner, Norman F.
Thomas, John M.
Yost, Donald L., Jr.
Huck Mfg. Co.
Woolf, Alfred C.
Int'l. Nickel Co. Inc.
Kropf, Richard B.
Jones & Laughlin Steel Corp.
Doughton, R., Jr.
Evangelista, Peter
Loutzenhiser, R. H.
Sergeson, Robert
Sherman, Charles W.
Stinson, Paul A.
Swartz, A. Ray
Swick, L. A.
Zacklan, N. S.
Kelsey-Hayes Co.
Swank, W. H.
McGregor Michigan Corp.
Hilprecht, Robert C.
McLouth Steel Corp.
Moyer, Harold W.
Metal & Thermat Corp.
Dubpernell, George
Mich. Std. Alloy Cast. Co.
Kiper, Frank
George L. Nankervis Co.
*Naslanic, John B.
Ohio Ferro-Alloys Corp.
Gotfredson, Lawrence, Jr.
Refractory Sales Co.
Knappenberger, Chas. H.
Republic Steel Corp.
King, Thomas C.
Revere Copper & Brass Inc.
Ewald, Geo. F.
Shield Alloy Corp.
Loud, Francis T. M.
Union Carbide Metals Co.
Adams, Robert T.
Stephens, Fred A.
U. S. Steel Corp.
Hogberg, Carl G.
Uranium Corp. of Amer.
Barnum, Harold E.
McGraw, Joseph H.
Wai-Met Alloys
Grott, G. J.
James, W. P.
Wayne State Univ.
*Corey, Clark L.
*Frazer, David J. W.
*Lazer, Nicholas M.
*Nagler, Charles Arthur
Unaffiliated
*Andberg, Ernest J.
Connell, Gerald P.
Covert, Roger A.
Edgar, J. M.
Grant, Robert G.
*Groat, Martin E.
Harvener, Kenneth I.
Heron, S. O.
Holek, Chas. F.
McGowan, Martin T.
Miller, Walter J.
Moser, Harry E.
Solomon, Alex
Trepanier, Norman W.
Vandievoet, John P.
Whitaker, Herbert

DRAYTON PLAINS

Dodge, John G.

EAST LANSING

Michigan State Univ.
*McGrady, Denton D.
Smith, Austin J.

FERNDALE

Ethyl Corp.
Macauley, J. B.
Unaffiliated
Roy, Amedee, Jr.

FLINT

General Motors Inst.
Shandley, J. A.

GROSSE ISLE

Baumann, C. A., Jr.

GROSSE POINTE

Caulkins, Ralph S.
Lewis, K. E.
Love, Howard M.
Marx, Oscar B., Jr.
Padmos, McKay E.

HIGHLAND PARK

Chrsyler Corp.
Barber, Curtis H.
MacNairn, J. S.
Ford Motor Co.
Chesney, Harvey L.
Unaffiliated
Leonelli, Bruno

HOUGHTON

Mich. College of Min. & Tech.
*Drier, Roy Ward
Meese, Harold
Tolonen, Frank J.

HOWELL

Michigan Metall. Products
*Sopcak, Edward J.

INKSTER

Merkel, F. Peter

ISHPEMING

Cleveland Cliffs Iron Co.
*Urich, Daniel M.

LAKE LINDEN

Kenny, Herman C.

LANSING

Hunter, J. E., Jr.

LIVONIA

Hall, James A.
Oss, Frank E .

MARQUETTE

Longyear Co.'s
Todd, William A.

MARSHALL

Engineering Castings Inc.
Rhoads, Albert E.

METAMORA

Dacar Chemical Prod.
Stevens, M. B.

MIDLAND

Dow Chemical Co.
Busk, Robert S.
Clark, John B.
Fenn, Raymond, Jr.
Fredrickson, Jay W.
Hanawalt, J. D.
King, Peter F.
Leontis, Thomas E.
Murphy, John P.
Nelson, Charles E.
Reding, John N.
Down Corning Corp.
Grant, George III

MUSKEGON

Cannon-Muskegon Corp.
Clark, James A.
Iverson, Kenneth F.
Campbell Wyant & Cannon Frdy Co.
Demmler, Albert W.
Unaffiliated
Cunningham, J. W.

NILES

National Standard Co.
*Pfefferle, Paul R.

NORTHVILLE

Alexander, L. W.

ORCHARD LAKE

Boegehold, A. L.

PALMYRA

Hunkeler, F. J.

PLYMOUTH

Great Lakes Carbon Corp.
Millhouse, F. J.

PONTIAC

Pontiac Motors Div.
Valentine, K. B.
Unaffiliated
Bartholomew, K. R.

PORT HURON

Mueller Brass Co.
Krupp, Roland G.
Levy, Frank M.

ROCHESTER

McCullough, Doug. G.

ROSEVILLE

Yoblin, Jack A.

ROYAL OAK

Hornaday, J. R., Jr.
Sernka, Richard P.

SAGINARD

U. S. Graphite Co.
Godard, Frank B.
Heindel, Robert A.
Leonard, Donald J.
Wickes Boiler Co.
Adams, Peter J.

ST. JOSEPH

Webster, Clinton W.

ST. LOUIS

Michigan Chemical Corp.
Gammill, Adrian M.
Klicker, E. E.

SOUTH HAVEN

Fretague, Wm. J.

TAYLOR

McNally, John E.

TRENTON

McLouth Steel Corp.
Horsley, Jack O.
Lindberg, Paul E., Jr.
Ripple, William A.
Stroup, Floyd H.
Unaffiliated
Combs, P. P.
Gill, G. C.
Schmidt, Geo. E.
Sigler, Thomas L.

WARREN

Chrysler Corp.
Dodson, W. W.
Gentral Motors Corp.
Hughel, Thomas J.
Thomson, Dr. R. F.
Weinman, Eric W.
Ira S. Latimer Co.
Latimer, Ira S.

WHITE PINE

White Pine Copper Co.
Shaw, Harry A.

WYANDOTTE

Wyandotte Chemicals Corp.
*Handwerk, Erwin C.
Unaffiliated
Gunnell, Thomas
Zimmerman, Paul J.

MINNESOTA

DULUTH

Pickands Mather & Co.
De Vaney, Fred D.
Seppanen, Wayne E.
U. S. Steel Corp.
Cox, Jacob W.
Unaffiliated
Abbett, W. A., Jr.
Atkins, Samuel E.
Field, Thorold F.
*Pearce, Clyde M.
Purbaugh, C. A.

HIBBING

U. S. Bureau of Mines
Heising, Leonard F.
Marovelli, Robert L.
Unaffiliated
Cohoe, Welby C.
Silliman, Arthur P.

HOPKINS

Minn-Honeywell Co.
Carnahan, Robert D.
*Li, Choh-Hsien
*Sartell, Jack A.
*Stokes, Robert J.
Unaffiliated
Johnston, Thomas L.

HOYT LAKES

Erie Mining Co.
Bymark, John V.
Unaffiliated
Mull, Bruce D.

LAKELAND

Bauer, John A.

MINNEAPOLIS

Link-Belt Co.
Elliott, James
Lithium Corp. of America
Munson, Gerald, A
E. J. Longyear Co.
Blair, John C. C., Jr.
Longyear, R. D.
Minneapolis Electric Steel Casts Co.
Wood, Sheldon V.
U. S. Bureau of Mines
Hansen, John P.
*Irwin, L. Mark
*Joyce, Floyd E.
Wood, Carl E.
Univ. of Minnesota
*Bitsianes, Gust
*Jerabek, Henry S.
*Joseph, Thomas L., Sr.
*Nicholson, Morris E., Jr.,
Swalin, Richard A.
Wade, Henry H.
Unaffiliated
Berryhill, John H.
Boeder, Willmar K., J57
Nelson, Stanley R.

ROCHESTER

IBM Corp.
Parker, H. William

ST. PAUL

Gt. Nor. Ry. Co.
Gleason, David S.
Minn. Mining & Mfg. Co.
Freier, Herbert E.
Ramsey Engrg. Co.
Riede, John R.
Unaffiliated
Carter, Jackson R.

STEWARTVILLE

Copeland, James M.

VIRGINIA

U. S. Steel Corp.
Niemi, C. W.

WINONA

Brom Machine & Foundry Co.
Brom, Leo J. T.

MISSISSIPPI

MISSOURI

CLAYTON

Kaiser Chem. Div. KACS
Searight, C. W., Jr.

COLUMBIA

Univ. of Missouri
Keller, Walter D.

CREVE COEUR

Akin, Paul B.

FT. LEONARD WOOD

Reid, Edwin D.

FREDERICKTOWN

Moreland, Omego N.

HERCULANEUM

St. Joseph Lead Co.
Bianco, Henry R.
Huddleston, F. S.
McLellan, James O.
Peppers, Robert E.
Sherman, John W.
Unaffiliated
Smith, Clyde S.

INDEPENDENCE

Wood, Ralph W.

JENNINGS

Rafalowski, S. A., Jr.

JOPLIN

Missouri Steel Castings Co.
*Henry, Jules J.
Spooner, P. V.
Unaffiliated
Doan, Donald J.
Thompson, A. Paul
Williams, Bruce

KANSAS CITY

Armco Steel Corp., Sheffield Div.
Davis, William R.
Kenyon, C. Patrick
Steinheider, Wilt H.
Bendix Aviation Corp.
*Billy, Joseph
Pressly, Harold B.
Univ. of Kansas City
*Howard, Robert T.
Geo. P. Reintjes Co.
Reintjes, Geo. P.
Unaffiliated
Carver, Thomas R.
King, Clarence L.

KIRKWOOD

Culling, John H.
*Davidson, Lyndall P.
Lewright, Jerry

MARIONVILLE

Briggs, Charles H.

MEXICO

A. P. Green Fire Brick Co.
Beynon, Harold L.
Dunlop, Robert
Swater, Jack W., A54
Witschey, Ray A.
Mexico Refractories
Harrison, Lewis A.
Hunthausen, N. M.
Key, Enos L.
Unaffiliated
Pardee, Russell E.

OVERLAND

Aberle, Richard H.

ROLLA

Missouri School of Mines
Beckemeyer, Edward J.
*Eppelsheimer, D. S.
*Hanley, Herbert R.
Randolph, Earl J.
Reitsma, Louis J., Jr.
*Schlechten, A. W.
U. S. Bureau of Mines
Starliper, Aaron G.
Walsh, David F.
Unaffiliated
Agers, Donnell W.
Bloodsworth, John O.
Goin, Paul T.
Houska, Frank B.
Kenworthy, Heine
Kershner, Karl K.
Larson, Andrew H.
Martens, Alan
Moyers, Gerald E.
Rowland, James A.
Thein, Aung
Twyman, James E.

ST. CHARLES

Mallinckrodt Chem. Works
Uranium Div.
Becker, Robert W.
Fellows, John A.
Gidley, L. L.
Neumann, Norbert F.

ST. LOUIS

Aero Chart & Inpho. Center
*Berry, Lewis Edward
Amer. Zinc Lead & Smelting Co.
*Ammon, Robert
Raymond, Robert L.
Young, Howard I.
Young, Richard A.
Carondelet Foundry Co.
Swanson, John S.
Cerro De Pasco Corp.
Lewin-Mathers Co.
Lewin, Richard H.
Great Lakes Carbon Corp.
*Dean, Edward J.
Harbison-Walker Refr. Co.
Hart, Howard G.
Hickman, Williams & Co.
Donnell, Jess F.
Intl. Nickel Co.
*Fisher, George A., Jr.
Meyer H. Marx & Associates
*Marx Meyer H.
McDonnell Aircraft Corp.
*Juergens, R. J.
Midvale Dental Supply Co.
Clauser, John M.
Monsanto Chem. Co.
Hurst, Thomas L.
Orban, Edward
Oswald Refractories Co. Inc.
Oswald, Harold
Picker X-Ray Miss Valley Inc.
Schneeberger, F. C.
St. Louis Chamber of Commerce
Marquart, Roland C.
St. Louis Coke & Fdy. Co.
Jacoby, R. H.
Scullin Steel Co.
Montgomery, M.
Sorbo-Mat Process Engineers
*Kessler, Harry H.
Walsh Refractories Corp.
Ebert, Charles R.
Hug, Allen E.
Schindler, Charles A.
*Schweickhardt, W. K.
Tomasek, Anton J.
Washington Univ.
*Ong, J. N., Jr.
Unaffiliated
Ambler, Charles W.
Bollwerk, G. P., Jr.
Carlock, John Bruce
Horner, Preston K.
Kromen, George
Newcomer, Robert E.
Persons, N. H.
Prough, Paul B.
Vose, James H.

MONTANA

ANACONDA

Anaconda Co.
Day, Frank H.
Dougherty, James J.
Emanuel, W. A.
Fulmor, Theo. G.
Furgeson, Harry E.
Holstrom, C. M.
Kramlick, Emil S.
Sullivan, Robert E.
Unaffiliated
Pattullo, Wm. E.
Salomonson, Fritz A.

BUTTE

Anaconda Co.
Tierney, Edward D.
Montana School of Mines
Hansen, Barry
*Haynes, C. W.
Koch, Edwin G.
Unaffiliated
Helterline, Rodney

COLUMBIA FALLS

Anaconda Aluminum Co.
Foreman, James H.
Jungers, Robert H.
Lokken, Brown O.
Matteson, Robert E.
Ryssdal, Lars A.
Smith James F.
Smith, Lee W.
Taylor, Charles E.
Woster, Edwin O.
Unaffiliated

Fraser, Kenneth H.
Fredericks, Conrad
Kimzey, W. Dwight

EAST HELENA

American Smelting & Refining Co.
Blohm, Robert L.
*Herrera, Gus A.
Lane, Stanley M.
Anaconda Co.
Thompson, R. L.
Unaffiliated
Dobler, Lee R.
Major, Finley S.
White, E. G.

GREAT FALLS

Anaconda Co.
Collins, William P.
*Hill, Charles R.
Ingvalson, L. J.
Jackson, Meryl A.
Koza, Stephen
Lapee, Roland J.
*James Lee Owings
*Teague, James E.
Weimer, Floyd S.
Wever, Guy T.
Worley, H. Howard
Wynn, James P.
Unaffiliated
Bardwell, E. S.
Brown, Harry G.
Dunn, Walter C.
Enloe, Larry C.
Miller, Roy H.
Powell, L. C.
Reynolds, John C.
Sieckman, Eugene H.
Sneddon, Gerald L.

HELENA

Hase, Ernest A.

KALISPELL

Bush, Robert D.

NYE

American Chrome Co.
Harris, Dwight L.
*Hertel, M. E.
Petermann, Fernando B.

WHITEFISH

Johnson, C. Neil

NEBRASKA

LINCOLN

Northwestern Metal Co.
Heath, Charles R.

OMAHA

American Smelting & Refining Co.
Curnow, Leonard T.
Randazzo, Paul Sam
Reinhardt, John C.
Schaefer, Seth C.
Skow, Ray C.

NEVADA

BOULDER CITY

U. S. Bureau of Mines
Baker, Don H., Jr.
Blue, Delwin D.
Henrie, Thomas A.
Lang, Robert S.
Lundquist, Raynard V.
Orr, James F.
*Perkins, Edw. C.
Wartman, Frank S.
*Westrope, John S.
Unaffiliated

CARSON CITY

Guild Mines
Guild, Clark J.

ELY

Mathis, Lewis

FALLON

Kennametal Inc.
Colwell, Ernest M.

HENDERSON

American Potash & Chem. Corp.
Schmidt, Francis J.

Manganese Inc.
Gates, Ellis H.
*Hartzell, L. J.
McManus, James
Titanium Metals Corp. of America
Cooper, Donald E.
Dilling, E. Don
Eck, Laurence T.
Greenlee, Mervin L.
Haag, Douglas C.
Haskell, Albert A., Jr.
Herres, S. A.
Lenning, Gilbert A.
Luhan, James V.
Maddex, Phillip J.
Mooz, William E.
Nadler, Ronald A.
Unaffiliated
Davis, Claude M.
Webb, Robert H.

LAS VEGAS

Nevada Test Labs. Ltd.
Scherer, O. J.
Unaffiliated
Brown, W. M.
Lloyd, R. R.

MCGILL

Kennecott Copper Corp.
Hanchett, Hughes B.
Kinney, John C., Jr.
Kinneberg, David A.
O'Shaughnessy, M. J.
Pesout, Edward
*Studstrup, J. A.

RENO

Siskon Corp.
Chessher, H. B., Sr.
U. S. Bureau of Mines
Knickerbocker, Ray G.
Morrice, Edward, Jr.
*Schuyler, Don R., II
Univ. of Nevada
*Winston, John S.
Unaffiliated
Cooke, Thomas A.
Zadra, J. B.

NEW HAMPSHIRE

CLAREMONT

Smith, Duray

DURHAM

Hochgraf, Fred G.

HILLSBORO

Bittenbender & Co.
*Bittenbender, William P.

MANCHESTER

Labrecque, Ronald

NEW JERSEY

BARBER

American Smelt. & Refin. Co.
Erickson, E. Arthur
Gregg, Roland S.
Jones, T. D.
Stone, John R.

BAYONNE

General Cable Corp.
Yokelson, Marshall V.
Intl. Nickel Co.
*Carroll, Kenneth G.
Decker, Raymond F.
Eash, John T.
*Iwanski, Joseph S.
Mihalisin, John R.
Miller, Oscar O.
Pellier, L.
Petrocelli, J. V.
Rhoda, Richard N.
Schramm, Jacob
Stewart, Murray T.
Wijman, Joseph C.

BERGENFIELD

Kallmann, Silve

BERKELEY HGTS.

Kinelski, Eugene H.
Spear, Warren M.

BLOOMFIELD

Westinghouse Electric Corp.
Keith, George H.
*Schnitzel, Randolph H.

BOUND BROOK

B. B. Oil-Less Bearing
Castiglioni, Salvatore
Research-Cottrell, Inc.
Schork, John E.
Unaffiliated
Hedberg, C. W.

BURLINGTON

U. S. Pipe & Foundry Co.
Bernhardt, Hans H.
Boyles, Alfred
Unaffiliated
Blythe, J. Gardner

CAMDEN

G-L Electronics Co.
Goldstein, David
Magnetic Metals Co.
Walters, Roy E.
Radio Corp. of Amer.
Kingsbury, Stuart S.

CARTERET

American Metal Climax Co.
Booth, Allan K., Jr.
*Brytczuk, Walter L.
Mellgren, Svante
Symonds, I. Maclaren
Taubenblat, Pierre P.
Tennant, Douglas
Metal & Thermit Corp.
Gautsch, Murray C.
U. S. Metals Ref. Co.
Beck, Alfred E., Jr.
Cordiano, J. J.
Heberlein, Max
Hogan, W. T.
Meyer, Edwin M.
Sunday, Elmer G., Jr.
Towers, John, Jr.
Whiting, Freeman, Rd.
Unaffiliated
Dyke, Freeman H.

CHATHAM

Ziegler, Geo. N.

CLARK

Gen. Motors Corp.
*Jackmin, Lawrence J.
Unaffiliated
David, Harold E.

CLIFTON

Powder Alloys Corp.
Kuzmick, J. F.
Welded Carbide Tools
Krol, Jan M.
Unaffiliated
Jackson, Reuben U.

CLOSTER

*Kudryk, Dr. Val

COLONIA

Baron, Edward H.

CONVENT STATION

Hatch, Allen L., Jr.

CRANFORD

Harris, Malcolm R.

DELANCO

Forss, S. L.

DOVER

Austenal Inc.
Grant, R. Todd
Preston, John
Talbot, Albert M.
Unaffiliated
Moore, S. B.
Stearn, F. M.

EAST NEWARK

Engelhard Indust. Inc.
Liebig, Edward O.

EAST ORANGE

Hurley, John L.
Whitmore, Bruce C.

EDGEWATER

Aluminum Co. of America
Barrett, Jay E.

ELIZABETH

Esso Research & Engr. Co.
*Cook, Harry C.

Metals Disintegrating Co. Inc.
*Sachse, J.F.
Phelps Dodge Copper Prod. Corp.
Stout, Harry H.
Unaffiliated
Gross, Walter F.
Nees, John M.
Schleicher, H. M.
Stuta, Vincent P.

ENGLEWOOD

*Winters, T. Starling

ESSEX FELLS

Buchanan Indust. Inc.
*Buchanan, Edward D.

FAIRHAVEN

Gagnebin, A. P.
Gilbert, S. A.

FAIRLAWN

*Triffleman, Bernard

FLEMINGTON

U. S. Bronze Powder Wks. Inc.
Mullen, Thomas J., Jr.
*Mulligan, F. H.
*Wilson, Stanmore V.

GARWOOD

Alum. Co. of America
Jameson, Maynard H.

GIBBSTOWN

E. I. du Pont Explosives Dept.
Holtzman, Arnold H.

HARRISON

Driver-Harris Co.
Driver, F. L.
Driver, Frank L., Jr.
Lewis, John C., J.
Marsh, P. R.
*McConnell, Marion P.
Radio Corp. of Amer.
Berry, Thomas F.
*Horsting, C. W.
Raynor, Clarence L.
Umbreit, Stanton
Worthington Corp.
Goldstein, Joseph
Patience, Daniel A.
Skrill, Myron M.

HIGH BRIDGE

Taylor Wharton Co.
*Dahlberg, Harry R.
Hegmegee, P. E., Jr.

HILLSIDE

Cooper Alloy Corp.
Cooper, Herbert J.
Gardner, H. Robert, Jr.

HOBOKEN

Stevens Inst. Tech.
*Bornemann, Alfred
*Chandler, Cedric L.
Clark, Frances H.
Comstock, G. J.
Duck, Frances I.
Guendel, Henry Wm.
Heck, Frank W.
*Weil, Rolf
*Wilson, Edmund B., III

IRVINGTON

Engelhard Industries
*Neubert, Hans

JERSEY CITY

L. S. Buck Inc.
Buck, C. Austin
Colgate-Palmolive Co.
Leigh, G. M.
Firth Sterling Inc.
Hopkins, R. K.

KEARNY

U. S. Steel Corp.
Hornbogen, Erhard
Western Electric Co.
Kissell, John J.

KENILWORTH

Adamas Carbide Corp.
*Rothstein, Louis
Volco Brass & Copper Co.
Rolland, Curt H.

KEYPORT

Sherban, D. V.

LINDEN

Alloy Steel Prod Co.
Templeton, Harold C.
Esso Res. & Engineering Co.
*Weiner, Lazarus C.
Unaffiliated
Dahm, George P.

LONG BRANCH

Bendix Aviation Corp.
*Badwick, Edward L.

MADISON

Bouton, George M.

MAHWAH

Amer. Brake Shoe Co.
Avery, Howard S.
Connelly, Joseph J.
Larson, Hugo R.
Lloyd, Herbert W.
Schaefer, Raymond H.
Unaffiliated
Libbin, M. L.

MANVILLE

Johns-Manville Corp.
*Cummins, A. B.

MAPLEWOOD

Banks, Robert R.
Koch, Eugene

MATAWAN

Engrd. Precision Cast. Co.
Putman, John W.
Unaffiliattd
Cooper, J. P.
Pearce, Calvin D.

MAYWOOD

Ogden, Joseph

MERCHANTVILLE

Pease, Charles C.

METUCHEN

Holland, W. D.
*Little, Victor
Ogden, Daniel L.
*Skowronski, Stan

MIDDLESEX

Roswell, Arthur E.

MILBURN

Cooper Alloys Corp.
McLeer, Thomas J.

MONTCLAIR

Brown, Steven H.
*Sinn, Francis P.
Wang, T. P.

MORRISTOWN

DeLaporte, L. A.
Lloyd, Thorne F.

MOUNTAIN LAKES

Lilliendahl, W. C.

MURRAY HILL

Air Reduction Co. Inc.
Hulme, Philip M.
Marshall, Shadburn
Rothschild, Gilbert R.
Shaffran, S. S.
Bell Telephone Labs.
Arnold, S. M.
*Cooper, Henry W.
Ellis, William C.
Gibbons, D. F.
Greiner, Earl S.
Pfann, W. G.
Scaff, J. H.
Schnettler, Frank J.
Schumacher, Earle E.
*Sylwestrowicz, W. D.
Tanenbaum, Morris
Treuting, Robert G.
Wernick, J. H.

NEWARK

Amer. Smelt. & Refin.
Alpert, Louis D.

Bergin, Edward R.
Shaw, F. A. C.
Barth Smelt. & Refin. Corp.
St. John, A. E.
Binks Mfg. Co.
Hamilton, L. A.
Daystrom Inc.
*Luedeman, Robert T.
Wilbur D. Driver Co.
Driver, Robt. O.
*Kubilins, Edw. T.
McCain, Kenneth B.
Engelhard Indust. Inc.
Albert, Henry J.
Crego, F. T.
Pan, Edward S.
Rosenblatt, E. F.
Zysk, Edward D.
Linde Air Products Co.
Day, Roger O.
Fleming, David H., Jr.
Hinds, Gene W.
Hodge, A. L.
Jackson, Clarence E.
Newark College of Engrg.
*Schweizer, Ernest
Unaffiliated
Li, Chou H.
Mitchell, Walter L.

NEW BRUNSWICK

Rutgers, Univ.
*Sosman, Robert B.
*Weissmann, Dr. Sigmund
Unaffiliated
Szrajer, Andrew

NEWFIELD

Shieldalloy Corp.
Collins, John J.
Lecompte, Thomas H.
Madsen, S. W.

NORTH PLAINFIELD

Howe, H. E.
Mushlitz, Richard D.
Reid, John W.
Stryker, Paul F.

ORANGE

Holmes, R. L. W.

PASSAIC

Hewitt Robins Inc.
*Conover, A. Edward

PATTERSON

S. K. C. Research Assoc.
*Knopp, Walter V.
*Shaw, John D.

PERTH AMBOY

Amer. Smelt. & Refin. Co.
Busch, D. A.
Lawrence, Kenneth L.
*Moran, Frank C., Jr.
Porter, C. B.
Spaulding, H. K.
*Storm, George D.
Weis, Geo. H.
Cont. Copper & Stl. Ind.
*Grodner, Abraham
Intnatl. Smelt. & Refin. Co.
*Casteras, John M.
McBride, Walter R.
Mosher, Merrill A.
Westgard, Sherman R.

PHILLIPSBURG

Ingersoll-Rand Co.
Shepherd, B. F.
Union Carbide Metals Co.
Ferguson, W. H.
Holmstrom, Joseph H.
Jackson, S. L.

PLAINFIELD

Lippert, T. W.
Moles, O. W.
*Rollason, G. M.

PRINCETON

Princeton Univ.
Birchenall, C. E.
*Stubbles, John Richard
Radio Corp. of America
Abrahams, Marvin S.
*Good Robert C., Jr.
Novak, Robert L.
Rosi, Ferd D.
D. Van Nostrand Co., Inc.
Minrath, William R.
Western Elec.
*McCormack, Walter R.
McCormick, W. R., Jr.
Unaffiliated
*Rolle, Sidney

PRINCETON-JUNCTION

Soil Stabilization Devep. Corp.
*Tang, Jaw-Lin

RAHWAY

Metal & Thermit Corp.
*Goldstein, Ernst M.

RAMSEY

Beryllium Copper
*Williams, Harold G.

RARITAN

Spinelli, Carmine J.

RIDGEFIELD

Kulite Tungsten Co.
*Kurtz, Jacob

RINGWOOD

Naumann, Alfred W.

RIVERSIDE

H. K. Porter Co., Inc.
Freynik, Henry S.
Tursi, P. B.

RIVERTON

Hoeganaes Sponge Iron Corp.
Geijer, Ernst W. K.
Gummeson, P. Ulf.
*Hendren, Robert R.
Jamison, Roy S.
Radio Corp. of America
Chope, Rudolph E.

SCOBEYVILLE

Molecu-Wire Corp.
*Edmunds, Edward E.
Poch, Stephen

SCOTCH PLAINS

Riccardo, Alfred E.

SEWAREN

Vulcan Detinning Co.
Swanson, Leonard E.

SHORT HILLS

Dyer, John Paul

SOMERVILLE

Radio Corp. of America
Green, Robert B.
Rose, Arnold S.
Vogel, F. L., Jr.

SOUTH AMBOY

Natl. Lead Co.

Alessandroni, H. V.
Armant, David L.
*Dunham, W. W.
Michal, Eugene J.
Nilsen, Arnold E.
Opie, William R.
Schmidt, Charles L.
Stoddard, C. Kerby

SOUTH BRUNSWICK

Phelps Dodge
*Wicks, Franklin D.

SOUTH ORANGE

Bennett, Walter C.
Stanwick, Charles A.

SOUTH PLAINFIELD

Amer. Smelt. & Refin. Co.
*Bach, Ricardo O.
Battis, Walter T.
Carapella, S. C., Jr.
Crane, R. G.
Dickinson, Sheldon J.
Johnson, Walter F.
Kranz, Paul J.
LaVelle, D. L.
Lebedeff, Dr. Y. E.
Little, Victor, Jr.
Morrison, Donald A.
Owen, James, Jr.
Phillips, Albert J.
Rof, William P.
Smith, Albert A., Jr.

SPARTA

Meierdirks, J. B., Jr.

SUMMIT

*Crawford, C. A.
*Hyde, Reed W.
Jorgensen, E. L.
MacIlvaine, F. S.
Marble, Earle R., Jr.

TEANECK

LeDoux & Co.
*Bowden, William C.
Giustetti, William J.
von der Porten, K. G.

TENAFLY

Apolant, Stanley L.

TRENTON

Ajax Electrothermic Corp.
*MacNeil, S. G.
Meyer, O. Dean
Ajax Engineering Corp.
Tama, Manuel
H. K. Porter Co., Inc.
Counselman, E. G.
J. A. Roeblings Sons Corp.
Godfrey, Howard J.
Kopec, J. Benedict
Miller, Henry J.

UNION

Engelhard Indust. Inc.
*Mooradian, Dr. Victor G.
Unaffiliated
Haggerty, K. C.

WASHINGTON

Clark, Benj. F., Jr.

WESTFIELD

*Atkinson, Ralph H.
Botvinick, Donald

WEST ORANGE

McGraw-Edison Co.
Fleischer, Arthur

WHARTON

Grandin, Frederick

WHIPPANY

Starr, C. Dean

WOODBRIDGE

Ernst, Runyon G.

WOOD-RIDGE

Curtiss-Wright Corp.
Fox, Harvey M.
Hahn, Henry
Krohn, Robert W.
Rey, Andre
*Schwarzkopf, A. J.
Shuris, Robert S.

NEW MEXICO

ALBURQUERQUE

Martin Labs.
*Martin, Guy V.
Sandia Corp.
Sweet, Fred R.
Univ. of New Mexico
*Walker, Harold L.
Unaffiliated
Johnson, Donald R.

CARLSBAD

U. S. Potash Co.
Mills, Russell H.
Unaffiliated
Lair, Woodrow W.
Taylor, C. O.
Weinig, Arthur J., Jr.

GALLUP

U. S. Army Wingate Ord. Depot
*Scott, Carroll T.

GRANTS

Anaconda Co.
Abramo, John A.
Baldridge, Rex M.
Stern, W. R.
Kermac Nuclear Fuels Corp.
Logan, Bryce N.
Matthews, Dale C., Jr.
Phillips Petr. Co.
*Dixon, Howard E.

HURLEY

Kennecott Copper Corp.
Beals, George C.
Lockhart, Charles L.
Nebeker, J. Stuart
Unaffiliated
Dow, Wesley Carlos

LAS CRUCES

Kirby, Donald E.

LOS ALAMOS

Los Alamos Scientific Lab.
Bronisz, Stanley E.
*Coffinberry, Arthur S.
Green, Walter V.
*Reiswig Robert D.
*Schonfeld, F. W.
Tate, Raymond E.
Unaffiliated
Ellinger, Finley H.
Hoppe, Albert W.
Smith, Morton C.

SANTA RITA

Kennecott Copper Corp.
*Colbert, Frank A.

SILVER CITY

Altman, Clyde R.
Merz, A., Jr.

SOCORRO

New Mexico Inst. of Min. & Tech.
Bertholf, William E., II
*Greene, Gerald U.
Thompson, Alvin J.
Unaffiliated
Faillace, S. F.

NEW YORK

AKRON

Carborondum Metals Co.
*Grimes, Gerald G.
Schemel, John H.
Stephens, William W.
*Warrick, Robert G.

ALBANY

Albany Felt Co.
*Heinemann, Frederick F.
National Lead Co.
Blasch, Earl B.
Stewart, A., Jr.
Unaffiliated
Parker, Everett A.

ALDEN

Smith, Elvin

ALFRED

State Univ. College of Ceramics
McMahon, John F.
Unaffiliated
Soxman, Edwin J.

AMSTERDAM

Grenoble, Herbert E.

BALDWIN

Hiers, George O.

BALLSTON LAKE

Lupi, Richard F.

BALMAT

St. Joseph Lead Co.
Dill, David B., Jr.

BAYSIDE

Slyvania Res. Labs.
Berenbaum, Leonard
Black, James F.
*Brett, Jack
Brodwin, Bernard
*Castleman, Louis S.
*Eiss, Abraham L.
Gitto, Joseph I.
Kingston, Walter E.
Lawthers, Dean D.
Levinger, Bernard W.
*Mazza, Edmund N.
Opinsky, Arthur I.
Orehotsky, John L.
Resnick, Robert
Sama, Lawrence
Seigle, Leslie L.
Singer, Joseph
Steinitz, Robert

BETHPAGE

Grumman Aircraft Engr. Corp.
*Hall, Kenneth J.

BOWMANSVILLE

Suckow, Arthur H.

BROOKLYN

Arwood Precision Casting Corp.
Heyer, Bruce A.
Belmont Smelting & Refining Co.
Henning, George
Daco Instrument Co.
Hilburn, Fred E.
Henning Bros. & Smith, Inc.
Bauer, Richard J.
Kahn Bros. Smelting Corp.
Adler, Alfred G.
*Adler, Robert V.
Metropolitan Engrg. Co.
Phelps, George H.
Nat'l. Lead Co.
Hack, Carl H.
Minarcik, E. J.
*Schroeder, Lloyd H.
N. Y. Naval Shipyard
Kennedy, James R.
*Lo Cicero, Joseph
Waltien, Robert R.
Noble Metals & Alloys Co., Inc.
Feinland, Irving D.
Polytechnic Inst. of Bklyn.
*D'Antonio, Carmine
*Fisher, George J.
*Franceschini, Victor W. J.
*Harker, David
*Henry, Otto H.
Unaffiliated
Bartozak, A. W.
Ferretti, August
Moore, R. W.
Obrien, William J.
Olsen, Melvin D.
Ring, Bernard
Ruzicka, John
Serotoff, Isaac
Stoloff, Norman

BUFFALO

Acme Steel & Malleable Iron Works
Crone, Alfred F.
American Brass Co.
Hibbard, David S.
A. E. Anderson Constr. Corp.
Anderson, A. E., Jr.
Anderson, A. E. (Gus)
Arnold, Larry
Fornes, Edward J.
Continental Copper & Steel Ind., Inc.
Jarvis, Herbert O.
Cornell Aero. Lab., Inc.
*Kirchner, Henry P.
Donner-Hanna Coke Corp.
Knappert, John W.
Electro Refractories
Anderson, Robert C.
Michif, George B.
General Refractories Co.
Koegler, Harry A.
Hanna Furnace Corp.
Macdonald, Alexander J.
Harbison Walker Refract. Co.
*Bowman, Robert R.
Mexico Refractories Co.
Whitwood, Robt. A.
North American Refractories Co.
Jack, George L.
Plibrico Sales & Serv. Co.
Pieters, Bruce A.
Republic Steel Corp.
Carpenter, R. P.
Hart, Charles W.
Joynt, Stuart, Jr.
*Moyer, Charles E.
*Paulus, Alfred F.
Scott Castings Corp.
Scott, D. S.
Arthur L. Stevens, Inc.
Henderson, M. B.
Univ. of Buffalo
*Shaffer, Robert E.
Williams Gold Refg. Co., Inc.
*Williams, Reginald V.
Worthington Corp.
*Burke, T. H.
Unaffiliated
Anderson, Harold A.
Fennie, Norman W.
Grieco, Donato A., Jr.
Lawton, L. M.
Pritchard, John K.
Strater, Theo. J.
Wilson, Jas. E.

CAMILLUS

Taglang, Richard J.

New York-New York

CHAUNCEY

Stauffer Chemical Co.
Hayes, William B.

CLINTON

Bronstetter, D. R.

CORNING

Corning Glass Works
Collins, W. J.
Sullivan, Eugene C.
Townsley, Jesse M., Jr.

CORTLAND

Wickwire Bros., Inc.
Phelps, Harold E., Jr.

CRESTWOOD

Jemal, E. J.

DEER PARK

Fairchild Engine Div.
Finkle, Stephen Hopkins

DEPEW

Symington-Gould Co.
Smith, Loren W.

DOBBS FERRY

Schwarzkopf Dev. Corp.
Leszynski W. J.

DUNKIRK

Allegheny Ludlum Steel Corp.
Byrne, Donald L.
Unaffiliated
Orts, Donald H.

EAST AURORA

Moog Valve Co., Inc.
*Snyder, James W., Jr.

EAST MEADOW

Witt, Robt. Henry

EAST SYRACUSE

Dastur, Pesi

EGGERTSVILLE

Downing, J. H.
Hastings, John K.

ELMSFORD

Seelig, Richard P.

ENDICOTT

I. B. M. Corp.
Meyer, James S.
Schneider, Peter V.

FARMINGDALE

Republic Aviation Corp.
*Eyring, Charles L.
*Korman, Samuel
*Simkovich, Edward A.

FLUSHING

Bulova Watch Co.
*Hydrean, Peter P.
Unaffiliated
Nelson, Wm. M.

FOREST HILLS

*Levison, Stuart H.

FREDONIA

McCarter, D. C.

FREEPORT

Columbia Bronze Corp.
Ames, Bernard N.

GARDEN CITY

Amer. Bosch-Arma Corp.
Field, Ellsworth A.
Unaffiliated
Watt, Archibald

GLEN COVE

Fall Corp.
*Kurz, Martin G.
Photocircuits Corp.
*Bedell, John R.
Unaffiliated
Gow, Charles C.

GRAND ISLAND

Goodwin, W. J.
Humprics, J. J., Jr.

HASTINGS ON HUDSON

Anaconda Wire & Cable Co.
Brown, William T., Jr.
Duffner, Rupert L.
Snyder, Clermont J.

HICKSVILLE

Sylvania-Corning Nuclear Corp.
Carapella, Louis A.
*Judkins, Malcom F.

ITHACA

Cornell University
*Burton, Malcolm S.
*Gregg, James L.
*Mason, Clyde W.
*Rhodin, Thor N.
*Smith, George V.
*Spencer, Chester W.

JACKSON HEIGHTS

Schiff, Seymour

KENMORE

Dunham, Lloyd U.
*Harbrecht, Wm. L.
Kline, J. D.
Persson, J. A.

LACKAWANNA

Bethlehem Steel Co.
Braunberns, James E.
Cutler, Herbert J.
Edwards, Leonard H.
Gietzen, Eugene A.
*McShane, William H.
Morgenstern, R.
Unaffiliated
Campbell, Joseph
Druzbik, Norman

LARCHMONT

Elkan, Benno
*Gordon, David
Henault, Emil A.
Zimmer, Bernard N.

LEROY

Vanguard Abrasive Corp.
Pratt, Willard R.

LEWISTON

*Field, Burnham E.
Skimin, Robert A.
Stroup, Robert C.
Wyche, Ernest H.

LOCKPORT

General Motors Corp.
Perry, D. A.
Simonds Saw & Steel Co.
*Clark, Donald L.
Emery, Charles H.
Van Mater, L. F.
Unaffiliated
Potts, Allen Dewey

LOCUST VALLEY

Drury, Maynard K.

LONG BEACH

Heyman, Nathan
Hyatt, Barry Z.

LONG ISLAND CITY

Ford Instrument Co.
Stone, Francis G.
Unaffiliated
Hodi, Frank

MASPETH

Phelps Dodge Refining Corp.
*Cooke, William R.
Higgins, James F.
Kretschmann, Raymond J.
Richardson, Franklin W.
Ries, Harry C.
*Watts, David L.

MASSENA

Reynolds Metals Co.
Kneeskern, V. G.
Unaffiliated
Nelson, Gerald P.

MERRICK

Sharp, David Allen

MINEOLA

Alloy Casting Inst.
Schoefer, Ernest A.

MONTROSE

Blocked Iron Corp.
Imperato, L. G.

MT. VERNON

C. S. Brainin Co.
Brainin, Clement S.
Philips Electronics, Inc.
*Cobus, Alexander
Unaffiliated
Barnette, David J.
Donnellon, John B.
Medoff, Jack I.
Schafer, Maurice

NEWBURGH

Vanguard Intnatl. Corp.
*Lado, Ernest A.

NEW HARTFORD

Kelsey-Hayes Co.
Beamer, Paul W.
Cheng, Kuang Lu
Darmara, Falih N.
*Matejka, Wolfgang A.
Ziemann, John G.

NEW HYDE PARK

Balances & Weights
*Turner, Edward H.

NEW ROCHELLE

Fish-Schurman Corp.
*Margolis, David
Unaffiliated
Barker, Joseph W.
Stern, James A.

NEW YORK CITY

Air Reduction Sales Co.
Muller, Albert
Alken Murray Corp.
*Rogers, Edw. J.
Allied Chemical Corp.
*Carbone, Walter E.
Coleman, Donald C.
Trepp, Wilbert J.
Alloys of Iron Research
*Sisco, Frank T.
American Cyanamid Co.
Bloecher, F. Wm., Jr.
American Inst. of Mining, Met. & Petr. Engrs. Inc.
Johnston, Douglas C.
Kirkendall, Ernest
Shearman, Robert W.
Starratt, Fred W., Jr.
American Iron & Steel Inst.
*Parker, Charles M.
Sullivan, John W. W.
American Metal Climax, Inc.
Archer, R. S.
Briggs, Janet Z.
*Cole, Lawrence E.
Conrad, Clarence K.
Couch, G. R.
Craig, W. F., Jr.
de Neufville, Hugo
Ekholm, Lars E.
Hammond, S. Irving
Hermsdorf, R. P. E.
Lee, A. E., Jr.
Manzone, M. G.
Ohara, Robert J.
Parker, Theron D.
Ruth, John P.
Schultze, Dr. Helmuth W.
Steele, David T.
Van Tilburg, Gerald C.
Vuillequez, J.
Warriner, Reuel E.
Weingart, Paul E.
Wills, Frank
American Smelting & Refining
Baker, Crosby F., Jr.
Barber, Charles F.
Bradford, Robert D.
Brownell, Kenneth H.
Buck, J. C.
Cox, James G.
Earl, Charles Jr.
Fish, C. R.
Grose, Harris W.
Hamrick, Forrest G.
Hennebach, Ralph L.
Herman, M. Robert
Herts, Daniel I.
Kohn, Arthur F., Jr.
MacKenzie, J. D.
Sciutto, Ernest S.
Smart, J. S., Jr.
Wagner, Henry P.
*Wallage, Stanley T.
Waterman, Chas. N.
Wilcox, Ralph L.
American Society of Mech. Engrg.
Tucker, S. A.
American Zinc Inst., Inc.
*Kimberley, J. L.
*Pettigrew, D. W.
*Radtke, Schrade F.
Anaconda Co.
Brinckerhoff, C. M.
Byrnes, Frank M.
Campbell, T. A.
Caples, Russel B.
Graham, Thomas K.
Hayner, Joseph H.
Laist, Frederick
Satterthwaite, H. G.
Weed, Clyde E.
*Williams, Ray T.
George S. Armstrong & Co., Inc.
*Armstrong, George S.
ASEA Electric, Inc.
Nordin, Walter J.
Zetterberg, Stig
Assoc. Metals & Min. Corp.
Schweitzer, H. C.
Atomic Industrial Forum Inc.
Davis, Calvin
Babcock & Wilcox Co.
McCullough, J. D.
Stuntz, Robert P.
Terman, Mark J.
Bailey Meter Co.
Hicks, Charles E.
Baldwin-Lima-Hamilton Corp.
*Tesmen, Arthur B.
Barium Steel Corp.
Sisto, J. A.
Behre Dolbear & Co., Inc.
*Bowman, R. G.
Berwin-White Coal Co.
Scott, William H.
Boaz, Allen & Hamilton
*Wyatt, James L.
Brandeis, Goldschmidt & Co.
*Green, Harry
Cerro De Pasco Corp.
Barker, Irving L.
David, Michael D.
Hanley, John W.
Koenig, Robert P.
Littlefield, M. B.
Merz, A. Russell
*Smith, Walter C.
Vasquez, M., Augusto
Chicago Bridge & Iron Co.
Mair, James
Chile Exploration Co.
Koepel, N. F.
Columbia Univ.
Albers, Ludolph
*Beshers, Daniel N.
Cogen, Leonard
Dunning, John Ray
Freudenthal, A. M.
*Gensamer, Maxwell
Howell, Lawrence J.
*Kellogg, Herbert H.
*Machlin, Eugene S.
Continental Coppers & Steel Ind.
Jarvis, Ernest G.
Coverdale & Colpitts
*Passano, R. F.
*Wemple, Edward L.
Creole Petroleum Corp.
Bowman, John H.
Daily Metal Reporter
Zimmerman, Joseph
Dorr-Oliver, Inc.
*Dorr, John V. N.
Douglas Export & Import Corp.
Trepuk, Albert O. B.
Ebasco Services Inc.
*Klapper, Joseph A.
Elektrokemisk A. S.
Braaten, Orvar
Empire Resources Corp.
*Clements, Geo., F., Jr.
Engineered Materials
*Gitter, A. J.
Esco International
Hewitt, Ed. T.
Ethyl Corp.
Avery, Julian Miles
Thomas, Chas., E.
Farrand Optical Co., Inc.
Wong, Frank
Ferro Met. & Chem. Corp.
Feuerring, Ralph
Fleischman, Burd & Co., Inc.
Fleischman, Arthur
Forel Equipment Corp.
Lopez, Kenneth M.
Foster Wheeler Corp.
*Fostini, Raymond V.
*McGauley, P. J.
Freeport Nickel Co.
Haworth, Dr. J. Brian
Fuji Iron & Steel Co., ltd.
Isomura, Kiyoshi
W. R. Grace & Co.
Flaton, William
Great Lakes Carbon Corp.
*Aamodt, H. C.
Carter, John T.
*Cole, Dr. Richard S.
Laughlin, Robert K.
*Reynolds, Samuel H.
Wittenberg, Robert B.
Greenawalt Sintering Co., Inc.
Greenawalt, John E.
Handy & Harman
Townsend, M. W.
Travis, Judson C.
Wemple, F. H.
Harbison-Walker Refract. Co.
Stockslager, E. S.
Charles Hardy, Inc.
Dale, Chalmers
Harmon, Lichtenstein & Co.
Harmon, Robert B.
R. W. Hebard & Assoc.
Bohler, Auguste
Howard International Inc.
Friedman, Louis T.
Howe Sound Co.
Skinker, Charles R., Jr.
Hugo Neu Corp.
Neu, Hugo
Imperial Chem. Ind. Ltd.
*Hooper, William H. L.
Indussa Corp.
Blanc, Philip R.
Ingersholl-Rand Co.
Topping, John F.
I. B. M. Corp.
Liswith, Carl Jos.
Int. Minerals & Metals Corp.
Baerwald, H. F.
Gervais, Arthur J.
Int'l. Nickel Co., Inc.
Abbott, W. K.
Allen, Forrest E.
Armstrong, Thos. N.
Beasley, H. V.
Clappier, Robert R.
Clark, C. Canfield
Cupp, Calvin R.
*Dawson, David C.
*De Longe, Kenneth A.
Diran, Loris M.
*Faber, Richard Daniel
Fales, Herbert G.
Fraser, O. B. J.
Gordon, J. Roy
Grubb, L. E.
Johnson, Robert J.
Kihlgren, T. E.
Koppi, William A.
Kravic, Andrew F.
Ludwig, John N., Jr.
Marsh, John A.
Mayne, Charles R.
Mc Dowell, D. W., Jr.
*Mearns, William C.
Moran, John J.
Mounce, William
O'Neill, Charles E.
Pilling, Norman B.
Pinel, Maurice L.
Oueneau, Paul
Raudebaugh, Robert J.
Sands, John W.
Schwitter, C. M.
Sefing, Frederick G.
Sproule, Kelvin
*Sutton, Roger
Thompson, John Fairfield
Vanick, James S.
Vines, Raymond F.
Int'l. Selling Corp.
*Besso, Victor
De Vitry, R.
A. Johnson & Co., Inc.
Carlson, Eugene E.
Johnson, Axel Ax:son
Kastenhuber & Lehrfeld, Inc.
Woodward, John E.
M. W. Kellogg Co.
Lawrence, Robert, Jr.
*Swart, J. A.
Vener, Dr. Raymond E.
Kennecott Copper Co.
Ayers, Maurice D.
Croft, Harry P.
Gerwin, Benjamin Harrison
Jenness, L. G.
*Kinnear, J. C., Sr.
Mc Kown, Frank B.
Milliken, Frank R.
Sweet, Robert G.
King Merritt & Co., Inc.
*Norris, Emerson S.
Laird & Co.
Gerken, T. H.
Lancaster Steel Co.
Dyktor, St
Lead Industries Assoc.
Borcina, David M.
Mullarkey, Edward
Turner, Sid W.
Adolph Lewisohn Selling Corp.
Singer, Aaron H.
Linde Co.
Gaines, John M.
Mc Candless, Edward L.
Swan, David
Zimmerman, John H.
Arthur Linz & Assoc.
*Linz, Arthur
Lybrand Ross Bros. & Montgomery
Fernald, Henry B.
Materials in Design Engineering
Campbell, John B.

Maxter Metals Corp.
*Stern, Max
Mc Graw Hill Pub. Co.
Labine, Roland A.
Meissner, Inc.
*Meissner, Milton
Messer Cutting Machines, Inc.
*Deily, Richard L.
Metal Powder Industries Fed.
Roll, Kempton H.
Metal & Thermit Corp.
Goodman, Herbert H.
Oberg, J. L.
Metal Traders Inc.
Carberry, T. Frank
Metallurgical Assoc. Inc.
*Mc Grath, Kenneth W.
*Steck, Alfred B.
Metalock Repair Service Inc.
Reade, Herman R.
Miles Metal Corp.
Levenson, Milton
J. R. Miller Co.
*Miller, Jack R.
Molybdenum Co. of Amer.
*Masters, Harris K.
Wm. H. Muller & Co., Inc.
Perkins, Enoch
Richards, John D.
National Carbon Co.
Bacon, Loren E.
Barkley, William J., Jr.
*Bowes, Robert B.
Chappell, Charles H.
Feathers, W. H.
*Hastings, P. J.
Johnson, Neal J.
King, James Jr.
Lovgren, C. A.
McCosh, Wm. C.
Nolan, V. J.
O'Mara, Fred B.
Shea, John W.
Nat'l. Lead Co.
Bakarian, P. William
Ciborski, John M.
Dahlstrom, Roy
Jennings. John J.
Lawrance, Robert P.
Maiers, H. Gerald
Mayer, Andrew
Muccilli, Philip C.
*Scott, Harold B.
Wiles, Gloyd M.
National-U. S. Radiator Corp.
Hanson, Charles E.
Nat'l. Zinc Co. Inc.
Gittelson, Perry
Jeffrey, Frederick R.
*Leverett, W. H.
New Jersey Zinc Co.
McCann, R. L.
Pierce, W. M.
Prince, Charles H.
Stutz, George F. A.
Newmont Mining Corp.
McQuiston, F. W., Jr.
Scheck, F. A.
New York, Univ.
*Bunshah, Rointan F.
*Cadoff, Irving
*Ence, Elmars
*Farrar, Paul A.
*Goetzel, Claus G.
*Komarek, Kurt L.
*Margolin, Harold
*Neilsen, Dr. John P.
*Reeber, Robert R.
Winter, Joseph
Work, Harold K.
Zalar, M. Stoyan
Nichols Engr. & Res. Corp.
Nichols, Charles W., Jr.
*Rowen, Robert W.
Oakite Prod. Inc.
*Heinzelman, Edward, Jr.
Olin Matheison Chem. Corp.
Copps, D. J. C.
Eastwood, L. W.
Ore Chem. Corp.
Schreiber, G. W. R.
Osborn & Tuwiner
*Tuwiner, S. B.
Pennie Edmonds Morton
Barrows & Taylor
Last, James W.
Phelps Dodge Refining Corp.
Barkell, Howard
Goudielock, W. B. O.
Harloff, Carleton S.
Page, Robert G.
Phillip Bros. Ore Corp.
Chender, Jules L.
Frank, Ernst L.
Lucius Pitkin, Inc.
*Silkiss, Emanuel
*Wright, Frederic H.
Pogson Peloubet & Co.
*Peloubet, Maurice E.
Pontex Pipe Corp.
De La Bruniere, B. R.
Quigley Co., Inc.
Demaison, Raymond J.
Garvin, E. W., Jr.
Shepard, John
Ramseyer & Miller, Inc.
*Sutch, Dan A.
Reading Metals Refining Corp.
Clugston, E. J., Jr.
Reinhold Pub. Corp.
Everhart, John L.
Peters, Fred P.
Republic Steel
Palmer, Kenneth W.
Revere Coper & Brass, Inc.
Bunn, Edward S.
*Plovanich, C. J.
St. Joseph Lead Co.
Ince, Charles R.
Isbell, W. T.
Wormser, Felix Edgar
Schwarzkopf Dev. Corp.
Schwarzkopf, Paul
Scientific Design Co., Inc.
*Cohan, Alvin S.
*Sternfels, Ernest A.
Seamless Products Co., Inc.
Poliakoff, Rouvime B.
Singer Mfg. Co.
*Raymond, Lloyd E.
Singmaster & Breyer, Inc.
*Chelminski, Roman
*Finkeldey, Wm. H.
Greenstein, Robert I.
*Kemmer, Frank R.
*Kunkel, A. H., Jr.
*Marquis, Byron
*Reed, Harlow J.
*Reikie, M. K. T.
F. S. Smithers & Co.
Macurda, Donald B.
South Amer. Min. & Mdse. Corp.
Fraenkel, Ernest
Hochschild, Mauricio
Stanley-Thompson Labs.
*Nanis, Leonard
Stein Hall & Co., Inc.
Levine, Nathan M.
Stiefel Const. Co.
Fromkin, Morris
Stora Kopparberg Corp.
Dormsjo, T. Olof
C. Tennant & Sons & Co.
Drury, Robert F.
Tennessee Corp.
Westlake, Emory H.
Tholand, Inc.
*Tholand, N. K.
Titanium Metals Corp of Amer.
*Connell, Robert B.
Day, John N.
*Minkler, Ward W.
Rowley, E. R.
Whiteson, B. V.
Wruck, Donald A.
Sam Tour & Co., Inc.
*Tour, Sam
M. H. Treadwell Co.
Ryan, Rhys Evans
*Tocher, Frank L.
Underpinning & Found. Co.
Breuchaud, J. R.
Union Carbide Corp.
Jette, Eric R.
Kinzel, A. B.
Oatman, Atwood B.
*Stingel, Donald E.
Union Carbide International Co.
Biers, Howard
Norden, Wm. E.
Union Carbide Metals Co.
Boyle, E. J.
Douglas, John C.
Egan, John J.
Farmer, James G.
*Fitzpatrick, R. N.
*Franks, Russell
Hamby, D. Edwin
Hill, H. E.
Lytle, A. R.
Miller, Roger T.
Norwood, S. M.
Spendelow, H. R., Jr.
Union Carbide Nuclear Co.
Kerr, Chas., H.
Rebbolz, Robert W.
U. S. Assay Office
Johnson, Howard F.
U. S. Borax & Chemical Corp.
Pickard, M. H.
U. S. Chem. Proc. Dist. N.Y.
Buglione, Vincent
*Russo, Frank
U. S. Metals Refining Co.
Betchart, Arthur F.
U. S. Navy
Graham, Denny Lynn
Schottler, George R.
U. S. Smelting Refining & Mining Co.
LeFevre, G. Howard
U. S. Steel Export Co.
Clark, Ronald
Universal Atlas Cement Co.
Camm, J. Palmer
Vanadium Corp.
*Cosman, C. M.
Filsinger, Raymond H., Jr.
Floyd, George F.
Green, John J.
Hancock, Roy F.
Lewis, Lloyd W.
Parkman, Howard C.
Van Itallie Corp.
Koebel, Frank E.
Wah Chang Corp.
Huang, Yao T.
Li, K. C.
Li, Tao K.
Walworth Co.
*Alico, John
Washburn Wire Co.
Malone, Frank D.
Western Elec. Co.
Howard, Urban W.
Western Union Telegraph Co.
Gerbert, Emery B.
Westinghouse Elec. Corp.
Ingersoll, Vernon L.
Whitehead Metals, Inc.
Grover, Clayton D.
Reade, Vincent J.
John Wiley & Sons, Inc.
Hamilton, Edward P.
Yardney Electric Corp.
*Brill, Otto
Unaffiliated
Adams, Stanley B.
Arata, Vincenzo S.
*Banks, Robert T., Jr.
Basu, Sujit Kumar
*Blaut, Samuel J.
*Blumberg, Harry S.
Brennan, Jerry E.
Carson, Edward G.
Coulter, J. Ray
Cremens, Walter S.
Deller, Anthony Wm.
Fisher, Harvey
Field, Will K.
Fleming, Edward P.
Flynn, E. J.
Frank, T. W.
Gehrke, John H.
Gronningsater, A.
Gruenfelder, J. G.
Guillotte, Geo. B.
Hammond, Beatrice
*Hausner, Henry H.
Herman, Victor G.
*Hill, Edward W.
Jennings, R. F., 2nd
Johnson, Gunnard E.
*Kalil, Eugene J.
Kaminsky, John J.
Kee, Herbert L.
Klinker, L. G.
Kolodney, Morris
*Landolt, Percy E.
Lent, Arnold
Lieberman, Warren
Loeb, Carl M., Jr.
*Loonam, Alfred C.
*Mantell, Charles L.
McLaughlin, D. C.
*Moga, Gregg M.
Notman, Arthur
Poon, Sin Fatt
Poros, James K.
Reinberg, Gustave
*Rising, Albert E., Jr.
Roney, Walter C.
Schneck, Arnold
Scott, Philip B.
Selby, Robert W.
Stirbl, Fred
Stone, Louis P.
Sundquist, Lennart
*Tonkonogy, D. J.
Wheeler, Burr
*Winsnes, Erling
*Work. Lincoln T.

NIAGARA FALLS

The Carborundum Co.
Butler, Gurdon M., Jr.
Howard, Elmer E.
*Kuhn, William E.
*Sturges, Donald G.
The Great Lakes Carbon Corp.
Goudey, Donald K.
R. B. MacMullin Assoc.
*MacMullin, R. B.
National Lead Co.
Roach, John D.
Trainor, Walter W.
*Trowman, Raymond W.
*Urban, Stephen F.
Olin Mathieson Chem. Corp.
*Motock, Geo. Thomas
Pittsburgh Metallurgical Co., Inc.
*Ascik, Anthony L.
Brown, Frank E.
Dattisman, E. J., Jr.
*Loutzenhiser, L. R.
Strategic-Udy Processes Inc.
*Brown, Raymond G.
*Udy, Murray C.
Union Carbide Metals Co.
Abendroth, Reinhard P.
Allenbach, C. Robert
Avellanet, Ralph A.
*Barbor, D. D.
Bicknese, Eugene H.
Binder, William Oakley
Brennan, Joseph H.
Brown, Charles M.
Buttner, Dr. F. H.
Carosella, Michael C.
Cerda, Arthur L.
Charvat, R. Fedia
Cherniack, George B.
Chynoweth, William
Colton, Nelson B.
Crafts, Walter
Crago, Richard A.
Epremian, Edward
Farrell, John W.
Forgeng, W. D.
*Fountain, Richard Wm.
Garrett, Fred Wm.
Geiselman, Dr. Doyle
Griffing, Neal R.
Grill, Karl Peter
Gustison, R. A.
Hansen, Donald J.
Hard, Dr. Robert A.
Harmon, Edward L.
Hilty, D. C.
Jacobs, James H.
Korchynsky, Michael
Krivsky, William A.
Kuhlmann, August M.
Kulp, Robert K.
Lamont, John L.
Lowrie, Robert
Matricardi, Louis R.
McGovern, Edward W.
McKinsey, Chas. R.
Moanfeldt, P. M.
Newhall, Henry S.
Offenhauer, Charles M.
Person, R. A.
Pilloton, Roger L.
Reddy, Richard L.
Rees, George A.
Rieder, Kurt O.
Schwabe, W.E.
Servi, Italo S.
Sheely, Wallace F.
Shortsleeve, F. J.
Stern, Milton
Webb, Watt W.
Wlodek, S. T.
Unaffiliated
Arnold, William B.
Fountain, Bruce A.
Halley, Albert F.
McFarlane, N. B.
Pochon, M. L.

NISKAYUNA

Knolls Atomic Power Labs.
Bibb, Albert E., Jr.
Unaffiliated
Carter, R.

NORTH CREEK

Barton Mines Corp.
Elting, William M.

NO. TARRYTOWN

*Pearse, Hubert A.

NORTH TONAWANDA

American Standard
*Cleveland, Robert L.
Tonawanda Iron Division
*Bright, Albert D.

ORCHARD PARK

The Ramtite Co.
Ross, James
Unaffiliated
Todd, Frank J.

OWEGO

I. B. M. Corp.
Ragland, Ford J., Jr.

PELHAM

*Rouse, Edwin W., Jr.

PLANDOME

Haggerson, Fred S.

PORT WASHINGTON

Manor Lab., Inc.
*Kindquist, Eric B. T.
Hans Osborg, Dr. Ing.
*Osborg, Hans

POUGHKEEPSIE

I. B. M. Corp.
Brock, Geoffrey E.
Christ, Joseph G.
Dew-Hughes, David
*Doo, Ven Y.
Hymes, I. M.
*Novick, David T.
*Yeh, Tsu-Hsing
Unaffiliated
Seraphim, D.

ROCHESTER

Bausch & Lomb Optical
*Hendrickson, Richard C.
Con. Electro.
*Ramsay, Glendon J.
Haloid Xerox Inc.
*Drake, Jack V.
Presmet Corp.
*Voll, Theo. J.
Ritter Co., Inc.
*Hamilton, Ward L.
Taylor Instr. Co.
*Finsterwalder, Norman J.
Todd Co., Inc.
Mumma, Harries A., Jr.
U. S. Navy
Hanselman, William L.
Univ. of Rochester
*Eisenberg, Richard F.
Whitehead Metals Inc.
Cox, Gilbert L.
Unaffiliated
Erlandson, Roy M.

ROME

Revere Copper & Brass Inc.
*Wilkins, Richard A.
Unaffiliated
Roe, Roland H.
Schatzel, R. A.

SANBORN

Healy, George W.

SCARBOROUGH

Emison, J. C.

SCARSDALE

Bassett's Service Inc.
*Bassett, William H., Jr.
Chromalloy Corp.
*Wachtell, Richard Lloyd
Unaffiliated
Kahn, Walter C., Jr.
Lenz, Carl K.

SCHENECTADY

Alco Products Inc.
Foley, Dennis D.
*Sayre, Mortimer F.

General Electric Co.
Adams, Howland K., Jr.
Allio, Robt. J.
Aust, Karl Thomas
Baldwin, Elmer E.
Balicki, Marian
Becker, Joseph J.
*Beitscher, Stanley
*Bier, Cecil J.
*Bishop, Shields M.
Blake, Alfred E.
Borders, Edward E.
Brenner, Sidney S.
Bruch, Charles A.
Burke, Joseph E.
Carreker, Roland P., Jr.
Cech, Robert E.
*Clemm, Peter J.
Coffin, Louis F., Jr.
*Davison, Malcolm H.
Denny, John P.
Douglass, David L.
Dunn, C. G.
Ebeling, Dolph G.
Fiedler, Howard C.
Fisher, Henry J.
Fisher, John C.
Fullman, Robert L.
Gilman, John J.
Gorsuch, Dr. Paul D.
Graham, Charles D., Jr.
Guard, Ray W.
Hardt, Richard W.
Hartelius, C. C., Jr.
Healey, Michael V.
Hibbard, Walter R., Jr.
Hirsch, Harold H.
Hoffman, Robert E.
Hollomon, J. Herbert
Holtz, Henry G.
Horvay, Gabriel
*Johnston, William V.
Kaplan, Asa
Keeler, James H.
Keith, Robert E.
Keverian, Jack
*Kiesler, A. James
Kimball, Orville F.
Kirkbridge, L. D.
Lacy, Charles E.
*Leary, Eugene A.
Leech, Robert C.
Leschen, John G.
Lillie, David W.
Livingston, J. D.
Lommel, James M.
Lord, Arthur N.
Low, John R., Jr.
Martin, D. Luther
McKechnie, Robert K.
McMullin, John G.
*Michelove, Leon D.
Newkirk, John B.

Owczarski, William A.
Paine, Thomas O.
Parke, Robert M.
Paul, Olev
Pezzi, Aldo C.
Phillips, Victor A.
Powers, Arthur E.
Prater, Thomas A.
*Roberts, Ben W., Jr.
Rogers, Henry C., Jr.
Rosenbaum, Herman S.
Ruggles, Rex R.
Schadler, Harvey W.
Seybolt, Alan Upson
*Sims, Chester T.
Smith, William H.
Stover, Edward R.
Tragert, Wm. E.
Turnbull, David
Versnyder, Francis L.
Walter, John L.
Weber, Clifford E.
Westbrook, J. H.
Wood, Donald L.
Yukawa, Sumio
Unaffiliated
*Fuller, T. S.
Galvez, M. J.
Kelley, Floyd C.
Martel, Louis J.
*Ruder, William E.
Steeves, A. F.

SEA CLIFF

Beer, Andrew E.

SETAUKET

Meyer, Robert A.

STAR LAKE

Jones & Laughlin Steel Corp.
Eshbach, Alton R.

STATEN ISLAND

Nassau Smltg. & Ref. Co. Inc.
Spinney, Robert W.
Weiser, Hanley A.
Unaffiliated
DeCamp, R.
Scheuch, Wm. Allen

STAPLETON

Wheeler, R. A.

SUFFERN

Movius, John D.
Taylor, R. D.

SYRACUSE

Brown Lipe Chopin
Norberg, Carl B.
Crucible Steel Co. of Amer.
Aksoy, A. M.
General Electric Co.
Jillson, David C.
Syracuse Univ.
*Keller, Douglas V., Jr.
Sachs, George
*Weiss, Volker
Unaffiliated
Diefendorf, H. W.
*Patterson, Clarence T.

TAHAWUS

Natl. Lead Co.
Biche, Ralph F.
*Houlehan, Thomas J.

TARRYTOWN

Foster, Prof. W. L.

TONAWANDA

Ferro. Processing Corp.
Hackett, Clarence A.
Hackett, Kenneth J.
Linde Co.
Farnsworth, Walter B., Jr.
*Heath, Carlos M.
Nelson, Edward C.
Wagner, George H.
Unaffiliated
Hollister, Douglas
Pinkoski, S. D.
Stoyell, Loyal A., II

TROY

Rensselaer Polytechnic Inst.
*Ansell, George S.
*Burr, Arthur A.
*Childs, Wylie J.
*Hunter, Matthew A.
*Jones, Augustus
*Lenel, F. V.
*Nippes, Ernest F.
*Savage, Warren F.
*Westerman, Edwin J.

TUXEDO

Union Carbide Nuclear Co.
Dresher, William H.

UPTON

Brookhaven Natl. Lab.
*Chow, Joe Gin-Young
Nanda, Madan M.
*Weeks, John R.

UTICA

Chicago Pneu. Tool Co.
Albers, Francis C.
Kelsey-Hayes Co.
*Hamjian, Harry J.
Saxtan, Robert E.
Turillon, Pierre P.
Unaffiliated
Pirk, Gustav W.

WANTAGH

Clenny, James T.
Corigliano, H. J.

WATERTOWN

New York Air Brake Co.
*Sillcox, Lewis K.

WATERVLIET

Allegheny Ludlum Steel Corp.
Blatz, William E.
Butler, Henry M.
Craver, Constance B.
*Dyrkacz, W. W.
Methe, Paul Steven
Muscatell, Francis L.
Pitler, Richard K.
Reese, Garland W., Jr.
Santoli, Pat A.
Szymanski, Walter J.
Wilson, T. Yates
Winner, Wade W., Jr.

WESTBURY

Narda Ultrasonic Corp.
*Frankel, Herbert A.
Unaffiliated
Stuart, H. Lee

WESTFIELD

Toy, Francis L.

WHITE PLAINS

Nuclear Development Corp. of America
Arbiter, William
Stern, George
*Strasser, Alfred
Unaffiliated
Myers, O. Jay
*Whiton, Leslie V.

WILLISTON PARK

Jennison, Richard E.

WILLSBORO

Cabot Carbon Co.
Pratt, Charles H.

WOODSIDE

Storchheim Res. & Dtv. Corp.
*Storchheim, Samuel

YONKERS

A. R. D. Corp.
*Valyi, E. I.
Graphite Metallizing Corp.
*Walker, Warren W.
Materials Research Corp.
*Freeman, Jack B.
*Pincus, Gerald
*Weinig, Sheldon
Sintercast Corp. of Amer.
*Epner, Martin
Gregory, Eric
3.14 Corp.
*Adler, Arthur

YORKTOWN HEIGHTS

I. B. M. Corp.
Berry, Brian S.
Bron, Walter E.
Dheurle, F. M.
Nowick, Arthur S.

YOUNGSTOWN

Heilman, W. W.
Kelly, Wm. M.

NORTH CAROLINA

DURHAM

Off. of Ord. Res. U. S. Army
Kosting, Peter R.

GLENDALE SPRINGS

Seminole Rock & Sand Co.
Lassiter, Robert G.

GREENSBORO

North State Pyrophyllite
Harvey, E. Mason
Wysong & Miles Fdry. Inc.
*Matthieu, Donald E.

MONROE

Allvac Metals Co.
Nisbet, James O.

RALEIGH

N. C. State College
Dept. Min. Ind.
*Austin, Wm. W., Jr.
U. S. Air Force
Dickson, Paul W., Jr.

NORTH DAKOTA

GRAND FORKS

Univ. of North Dakota
Koth, Arthur

OHIO

AKRON

Gen. Metals Powder Co.
Baird, Elmer C.
Unaffiliated
King, C. E.
Spahr, Gary L.
Stone, Harry D.

ALLIANCE

Babcock & Wilcox Co.
Emanuelson, Robert H.
*Rozic, Edward J., Jr.
Unaffiliated
Schwartz, Geo. J.

ASHTABULA

Union Carbide Metals Co.
Johnson, Newton H., Jr.
Magruder, William H.
Unaffiliated
Semple, James T.

BARBERTON

Babcock & Wilcox Co.
*Newman, Carl G.

BEDFORD

Jones & Laughlin Steel Corp.
Petrilli, Frank
Kennecott Titanium Dev. Corp.
Durney, Harry A., Jr.
*Thellmann, E. L.
S. K. Wellman Co.
Cox, C. T.
Graham, Glenn R.

BEVERLY

Interlake Iron Corp.
Gate, Alfred D.
Meredith, William R.
Wedge, Herbert D.

BRECKSVILLE

Sobey, E. J.

BRYAN

Menco, Inc.
Mitchell, Edmund G.
*Waters, Wade D.

BUCYRUS

Crawford Steel Foundry Co.
Phillips, Wm. J.
Unaffiliated
Andrews, Lawrence E.

CAMBRIDGE

Vanadium Corp. of Amer.
Arcoleo, Thomas F.
Leeper, Robert A.
Lynch, Dunstan W. P.
Merrill, Timothy W.
Rasmussen, Robert T. C.
Schaufus, Henry Sidney
Sprankle, A. F.
Unaffiliated
Staggers, John O.

CANFIELD

Am. Fire Clay & Prod. Co.
*Baley, Richard F.
Powers, Alden D.
Prochaska, Chas. A.

CANTON

Ohio Ferro-Alloys Corp.
Anderson, T. E.
Barbor, V. L., Jr.
Matter, David
Skarin, E. G.
Vignos, James C.
Republic Steel Corp.
Blough, Arthur K.
Peters, Robert W.
Poole, Sidney W.
Wyandt, John J.
Timken Roller Bearing Co.
Clark, Claude L.
Girardi, Daniel J.
Mravec, Joseph G.
Peterson, Leland D.
Preston, James K.
Rowland, Elbert S.
Walther, Harry F.
Unaffiliated
Dye, W. A.
Heck, Frank J.
Hogue, Robt. S.
Houze, Gerald L., Jr.
Whitner, Virgil W.

CHARDON

Johnson, Wayne C.

CHESTERLAND

Banister, R. T.

CHILLICOTHE

Biggs, William F.

CINCINNATI

G. A. Avril Co.
Barton, Frank P.
Chemical & Industrial Corp.
O'Harra, B. M.
Cincinnati Gas & Electric
O'Hara, Eric
Cincinnati Milling Machine Co.
Dickter, Irving A.
Williams, Robin O.
Crowe Engineering Co.
Crowe, John W.
Detrick Co.
Tancous, Ernest
Ellman Equip. Co.
Slome, Stanford T.
General Electric Co.
Bartholomew, Dale C.
*Huffine, Coy L.
Jones, Edward S.
Koshuba, Walter J.
Lewis, Jack R.
Macfarlane, William
McCabe, John L.
Redden, T. K.
Sproull, Theodore W.
Williams, Joseph M.
Metcut Research Assoc. Inc.
*Kahles, John F.
Miller & Co.
*Albaugh, Worley P.
Nat'l. Distillers & Chem. Corp.
Kaneko, Thomas M.
Sawbrook Steel Castings Co.
Stroppel, Gail L.
C. H. Sprague & Son Co.
Anderson, C. S.
Charles Taylor Sons Co.
Maupin, Addison
Univ. of Cincinnati
Hoch, Michael
*McDuffie, Roy O.
*Westermann, Fred E.
Unaffiliated
Baker, John H.
Cacciotti, Jos. J.
Caine, John B.
Carpenter, C. Frank
Focke, Arthur E.
McGurty, J.
Robertshaw, F. C., Jr.
Weisenberg, Louis A.

CLEVELAND

Aluminum Co. of America
Conners, Alan C.
Maring, Howard E.
Montgomery, Allen M.
American Gilsonite Co.
Knauper, Harold E.
Am. Iron Ore Assoc.
Johnson, Hugo E.
Am. Society for Metals
Bayless, Ray T.
*Berger, Lewis W.
*Brasunas, Anton de S.
Lyman, Taylor
Siegrist, Fred Louis
Thum, Ernest E.
Weymueller, Carl R.
Apex Smelting Co.
Colwell, Donald L.
Kissling, Rolf J.
Tichy, Oldrich
Basic, Inc.
Barrett, Harvey N., Jr.
*Forsman, R. E.
*Heilig, Charles R.
Holt, John P.
Lee, Harley C.
Pearson, Edward P.
Brush Beryllium Co.
*Bucur, Eugene J.
Case Institute of Technology
*Baldwin, William M., Jr.
Cover, Gerald M.
*Ebert, Lynn J.
Gurev, Harold S.
*Hehemann, Robert F.
*Herbell, Thomas P.
*Quigg, Richard J.
*Scott, Tom E.
*Steigerwald, Edward A.
*Troiano, Alexander R.
Chase Brass & Copper Co.
*Ricksecker, R. E.
Chemstone Corp.
Beuthel, Lloyd N.
City of Cleveland
Knuth, Edward C.
Cleveland-Cliffs Iron Co.
Scovil, Samuel K.
Stukel, John E.
Wilbur, John Smith
Cleveland Electro Metals Co.
Greetham, Homer
Cleveland Twist Drill Co.
Emmons, Joseph V.
Clevite Corp.
Junge, Charles H.
MacDonald, Robert J.
Meighan, M. H.
Schwope, Arthur D.
Strong, Douglas H.
Tosz, Milton W.
Weber, Edward P.
Cooper Metallurgical Assoc.
*Weil, Walter M.
Crucible Steel Casting Co.
Locke, Charles
Dorr-Oliver, Inc.
Smith, William M.
Dwight Lloyd Lab.
Ban, Thomas E.
Federal Lime & Stone Co.
Gorman, Daniel J.
Fenn College
*Perout, Emil
G. P. E. Controls Inc.
Lasiewicz, T. W.
General Electric Co.
Arma, Lutfi
MacKenzie, Adam
Pugh, J. W.
Toensing, C. H.
Wolff, Ursula E.
*Zorko, Frank A.
N. P. Goss Lab.
*Goss, Norman P.
Gray Iron Founders' Soc.
*Walton, Charles F.
M. A. Hanna Co.
Bradley, Morris A.
Dettmer, Philip B.
Huckleberry, Clifford E.
Pierce, H. L.
Schellinger, A. K.
Vedensky, D. N.
Walker, R. S.
Harbison-Walker Refractories Co.
*Sarraf, Edward M.
Harshaw Chem. Co.
Pine, Paul R.
Herron Testing Labs., Inc.
*Herron, Lewis F.
Horizons, Inc.
*Bartlett, K. M.
Baskey, Rayomnd
Straughan, E. Virgil
Whitaker, Wil
Interlake Iron Corp.
Bowser, David G.
McDaniel J. H.
Jones & Laughlin Steel Co.
Accorsi, Louis
*Glasgow, John A.
*Hamilton, F. M.
*Littell, William E., Jr.
Minto, Robert E.
Scheidemantel, Clyde A.
Silver, Jerry
Lincoln Elec. Co.
Morris, J. Howard

Parks, John M.
Todd, Arthur W.
Linde Co.
Allison, C. R., Jr.
Maust Coal & Coke Corp.
Bias, H. O.
McDowell Co.
Czako, Charles A.
Arthur G. McKee & Co.
Barren, Kenneth A.
Collins, Lawrence N.
Frost, Benj. B.
*Greenwalt, Richard B.
*Johnson, Paul M.
Morrison, Donald M.
Rose, Robert J.
*Steudel, George E.
Miller Refractories Co.
Miller, Stephen E.
Monarch Alum. Mfg. Co.
Kopczewski, Henry
National Aeronautical Space Adm.
Ault, G. Mervin
Freche, John Charles
Grisaffe, Sal J.
McDanels, David L.
*Schafer, Robert J.
Signorelli, Robert A.
Weeton, John W.
National Carbon Co.
Larson, Howard L.
Nat'l. Mal. & Steel Cstg. Co.
Bock, W. K.
Nat'l. Refractories Co.
Dally, R. W.
Nock & Son Co.
Nock, Chas. J., Sr.
Nock, Chas. J., Jr.
North American Refractories Co.
Fargo, Frank B.
Philander, Herbert C.
Stott, Joseph A.
Oglebay Norton Co.
Anthony, B. F.
Carpenter, Joel C.
Charman, Walter M., Jr.
Dwyer, John J.
Eaton, Gordon F.
*Miller, Richard G.
Mueller, John W.
Peterson, Gustave A.
Rathbone, Arthur D.
Thompson, Renold D.
Penton Publishing Co.
Caldwell, V. H., Jr.
Pickands Mather & Co.
Conway, William E.
Hoyt, Elton, III
Morawski, Frederick P.
Slater, John Richard
Pittsburgh Metal Co.
Keeffe, Edwin J.
Republic Steel Corp.
Allen, H. L.
Babcock, Donald E.
*Barbour, Fred C.
Black, W. A.
Blocksidge, A. B., Jr.
Callendine, W. A.
Carroll, Walter
Chisholm, Henry, III
Chisholm, James
Farling, Harold L.
Forrest, Andrew G.
Goetz, Mowry E.
Graham, James P.
Highberger, Grant H.
*Johnston, George H.
Krumlauf, George P.
Leckie, Donald S.
Lipsey, Henry
Lowey, John R.
Makepeace, Charles E.
*Miller, Murray J.
Munger, Hamnett P.
Rodgers, William
Saxer, Robert A.
Schultz, Kurt
Smith, E. C.
Thomas, Myron F.
White, Charles M.
Steel Foundries Society
Briggs, Charles W.
Fraunhofer, Harold G.
Sticker Industrial Supply Corp.
Moore, Richard A.
Reighart, J. H.
Sylvester & Co.
*Sylvester, G. R.
Technical Services, Inc.
Craig, John J.
Textor Labs., Inc.
Textor, Ralph B.
Thompson Ramo Wooldridge, Inc.
Bubb, Harry D.
Cook, Charles R., Jr.
Doble, Gordon S.
Faunce, Richard L.
Gjostein, Norman A.
Guarnieri, Glen J.
*Hiltz, Ralph H.
Johnson, W. A.
Laverty, David P.
Nemy, Alfred S.
Nulk, Donald E.
Trygve, Hoff & Assoc.
*Forssmark, Stig O.
Turbotronics Corp.
*Chase, Joseph J.
Union Carbide Metals Co.
Aufderhagr, Herman C.
Clark, Ralph A.
Folkman, Robert L.
Hall, Robert L.
Kaveney, Thomas F.
Malin, R. D.
Pope, Richard L.
Rassbach, H. P.
Saunders, Earle R.
Smith, George E.
Van Voris, F. E.
U. S. Steel Corp.
Allen, John E.
Farr, R. H.
Harris, Arch W.
*Kiefer, John M., Jr.
Miller, Wm. R.
Morris, George J.
Mueller, Howard E.
Schaufler, Arthur Clarence
Spare, Gordon T.
Vanadium Corp. of Am.
Franklin, Fred F.
Warner & Swasey Co.
Hodge, James C.
Wellman Engineering
*Ludwig, Carl
Unaffiliated
Beaver, W. W.
Bowen, Burton W.
Brannan, John H.
Burkhart, Alan R.
Cerness, Jos. F.
Cravens, C. W.
Elliott, S. W.
Fetheroff, K. H.
Greenlee, Charles A.
Grobe, Arthur H.
Hird, Mrs. A. N.
Kamm, Robert L.
Krishnan, Caruna D.
Kyle, Fred R.
Machol, Fred B.
Manning, John T.
Matas, Stephen J.
*McQuaid, Harry W.
Richardson, S. A.
Robards, Chester F.
Romano, Fred
Rossborough, W. N.
Sanders, Wm. A.
Stewart, R J.
*Sugar, Alfred
Tilley, Milton
Trela, Edward
Trempe, Albin L.
Unger, C. W.

COLUMBIANA

Columbiana Foundry Co.
Williams, Robert C.

COLUMBUS

Battelle Memorial Institute
Allen, Benjamin C.
Amateau, Maurice F.
*Bakalanoff, Nicholas W.
Barone, Frank J.
Barth, Vincent D.
*Bauer, Arthur A.
Beale, Louis C., Jr.
Boulger, Francis W.
*Chubb, Walston
Clegg, John W.
Cook, Thomas E.
Cookston, Jack W.
De Mastry, John A.
Dunnington, Bruce W.
Elsea, Arthur R.
Farkas, Martin S.
Fink, Frederick W.
Fischer, Roland Barton
Fletcher, Ellis
Frost, Paul D.
*Gedwill, Michael A., Jr.
Getz, Ralph W.
Gonser, Bruce W.
Goodwin, Harry B.
Greenidge, Chas. T.
Griest, Andrew J., Jr.
Hanaway, John E., Jr.
Hodge, Webster
Holden, Frank C.
Holladay, Jim W.
*Huber, Oren J.
Jablonowski, E. J.
Jackson, Curtis M.
Jackson, J. Harry
Jackson, Lloyd R.
Jaffee, Robert I.
*Keyser, N. H.
Kizer, Donald E.
Klopp, W. D.
Krier, Dr. C. A.
Kura, John G.
Langston, M. Eugene
Lepkowski, William J.
Lorig, Clarence H.
Lownie, Harold W., Jr.
Ludwigson, David C.
Lyman, W. Stuart
Macdonald, Robert D.
Mallett, Manley W.
Manning, George K.
*Maringer, Robert E.
Maykuth, Daniel J.
McCall, James L.
McIntire, Hoy O.
Melehan, James B.
Moore, Wilbur W.
*Morral, Dr. F. R.
Nekervis, Robert J.
Ogden, Horace R.
Pezdirtz, David
Phillips, Wayne M.
Rengstorff, George W. P.
Renken, Howard C.
Richardson, A. C.
Rough, Frank A.
Sabroff, Alvin M.
Schippereit, George H.
Shober, Frederick R.
*Sims, Clarence E.
Stephens, Frank M., Jr.
*Stone, Arthur J.
Sullivan, John D.
Thomas, Bertram D.
Trzeciak, Max J.
Underwood, Ervin E.
Varga, John, Jr.
Voldrich, C. B.
Williams, Robert D.
Bonney-Floyd Co.
Frank, R. H.
Buckeye Steel Castings Co.
Bonnet, Frank H.
Ganslein, Earl W.
Heimberger, W. W.
A. H. Dierker & Assoc.
*Dierker, A. H.
Foundry Services, Inc.
Ruddle, Ronald W.
*Sheppard, Harry D., Jr.
Gary Iron Res. Inst.
Krause, Daniel E.
Harrup Ceramic Co.
Schoenlaub, Robt. A.
Nat'l Elec. Coil Co.
Overstreet, J. W.
North American Aviation, Inc.
Charneski, Albin B.
Fitzgerald, Robert D.
Ohio Semiconductors, Inc.
*Schroeder, J. B.
Ohio State University
*Fontana, Mars G.
McCaughley, Wm. J.
*Powell, Gordon W.
*St.Pierre, George R.
*Speiser, Rudolph
Spretnak, Joseph W.
Unaffiliated
Coffer, L. Wallace
Hall, A. M.
*Hoyt, Samuel L.
Maidens, William T.
Marsh, Lyle L., Jr.
Rosenbaum, David
Schwartzberg, F. R.

CONNEAUT

Exomet, Inc.
Bock, Michael, II
Wyman, Clyde H.

CORTLAND

Bowflux Co.
Bowden, James J.

DAYTON

Advance Foundry Co.
Schneble, A. Wm.
Dayton Steel Foundry Co.
Walther, William D.
Gen. Motors
Koehring, R. P.
Long, Geo. R.
Upp, Donald L.
Unaffiliated
Christopher, S. S.
Helman, Donald D.
Hill, Fred L.
Johnson, Henry A.
Mangio, Charles
Marcinkowski, M. J.
Modi, Harsukh I.
Riesen, Albert E.
Schmidt, Frank E.
Selie, James E.

DOVER

Grell, Charles W.

EASTLAKE

Sawyer Research Prod.
Sawyer, Baldwin
Sawyer, C. Baldwin

EAST LIVERPOOL

Globe Brick Co.
Porter, Sidney C., Jr.
Porter, Wiliam F.
Porter, Winston A.

ELMORE

Brush Beryllium Co.
Armstrong, John W.

ELYRIA

Latiano, W. D.

EUCLID

Chase Brass & Coper Co.
*Howald, Thomas S.
Gen. Elec. Co.
Green, Howard T.
Leber, Sam
McIntyre, Ruluff D.
Unaffiliated
Baginski, Willi

EVENDALE

General Electric Co.
Carlson, Robert G.
Dorr, William W.
Jahanke, Louis P.
Miller, Pierce J.
*Robertshaw, T. L.
Semmel, J. William Jr.
*VanHouten, G. R.

FOSTORIA

Basic, Inc.
Hughfy, Vaughn V.

GRANVILLE

Malleable Res. & Dev. Foundation
Mahin, William E.

HAMILTON

Armco Steel
Poast, John
Hamilton Fdy. & Machine
Deas, R. R., Jr.
Unaffiliated
Bussert, Chas.
Steck, Robert B.
Stephan, Hans R.

HANNIBAL

Olin Matheison Chem. Corp.
*Finder, Carl D.
*Morse, David V.
Ormet Corp.
*Marsh, Ivan M.
Unaffiliated
Burrack, Harry Bob
Farrell, A. S.

HUBBARD

Wm. M. Bailey Co.
*Cromwell, D. P.
Valley Mould & Iron Corp.
Coombs, Robert R.
Kauffman, Edmund J., Sr.

INDEPENDENCE

Republic Steel Corp.
Fedock, Michael P.
*Hill, Morse

IRONTON

Ironton Fire Brick Co.
Hewitt, L. C.
Rickey, James H., Jr.

JACKSON

Interlake Iron Corp.
Davis, Evan J.
Keairns, E. Sanford
MacMillan, J. A.
Jackson Iron & Steel Co.
*Baumont, Glenn A.

LAKEWOOD

Bremer, Fd., II
Regan, Richard E.
Stasko, Joseph G.

LANCASTER

Anchor Hocking Glass Corp.
Foss, George J.

LEETONIA

Thermocel Co. Inc.
Bertelsen, Robt. C.
*Kitto, Wm. C.

LIMA

Ohio Steel Foundry Co.
Galvin, John E.
Rauser, Robert F.

LIMA

Linhart, James W.

LORAIN

U. S. Steel
Collyer, Dwight B.
Harlan, Fred E., Jr.
Johnston, Thomas G., Jr.
Light, James O.
*Sanchez, Luis T.
Svete, Leo C.
Unaffiliated
Ketterer, E. F.
Mereford, James A.

LOUISVILLE

Jones & Laughlin Steel Corp.
Moore, David Palmer, Sr.
Zetz, Michael

Unaffiliated

Brunner, John M.

LOWELLVILLE

Falcon Foundry Co.
*Reed, James S.

MAGNOLIA

Haw, S. G.

MANSFIELD

Empire Steel Co.
McCaffrey, Leo F.
Ohio Brass Co.
Bardeen, A. W.
Griffiths, Thomas W.
Uhl, Marion C.
Unaffiliated
Fox, William C.

MARIETTA

Marietta, College
*Freeland, Jean
Pattin Mfg. Co.
Dempsey, J. B.
Union Carbide Metals Co.
*Lincoln, C. F., Jr.
Unaffiliated
Wallace, Andrew D.

MARION

Commercial Steel Castings
Grover, M. P.
Eaton Mfg. Co.
Hrehov, John G.

MASSILLON

Republic Steel Corp.
Farnsworth, Walter M.
Hatheway, Charles W.
Henke, Robert H.
Poth, Clarence G.
Ruhnke, D. H.
Massillon Steel Castings
Hathaway, Jerry M.
Williams, Chester B.

MIDDLEPORT

Carpenter, Arthur H.

MIDDLETOWN

Armco Steel Corp.
Apple, Wm. Clark
Bell, S. A.
Bergmann, W. W.
Boni, Robert E.
*Bower, Robert S.
Clark, Ora E.
Fredericks, William
Gaw, Harold P.
Gibbons, Vincent J.
Heck, Joseph E.
Heyer, Robert H.
Higdon, William C.
Holiday, Harry, Jr.
Jones, Verdon W.
Littmann, Martin F.
Looby, Lawrence F.
Marshall, W. E.
Moore, Thomas D.
Olt, T. F.
Osborne, Arthur H.
*Reinartz, Leo F.
Staley, Charles F.
Taylor, Charles R.
Woods, Arthur P., Jr.
Unaffiliated
Ireland, O. V.
Reinartz, P. M.
Sample, McBeth

MT. HEALTHY

Haught, Robert S.

NEWARK

Kaiser Aluminum
Giffin, Billy J.
Jackson, Frederick R.

Ohio-Pennsylvania

Owens-Corning Fiberglas Corp.
Reed, Theron W.
Woodward, Robert M.

NEW CONCORD

Edlund, D. L.

NILES

Mallory-Sharon Metals
Abkowitz, Stanley
Dickinson, C. D.
Evers, Dillon
Gross, James R.
Marquis, B. E.
*Moorhead, Paul E.
Richards, Earl L.
Seagle, Stan R.
Mexico Refractories Co.
*Thomas, Griffith E.

NORTH ROYALTON

Rossborough, J. K.

OAK HARBOR

Wikle, Keith G.

OAK HILL

Davis Fire Brick Co.
Cummings, John L., Jr.
Gainder, Don F.

PAINESVILLE

Chase Brass & Copper Co.
Weber, Elmer

PARMA

Brown, Robert G.
Kalischer, P. R.
Miller, Ronald A.
Timko, E. W.

POLAND

Burke, Theodore E.

PORTSMOUTH

Detroit Steel Corp.
Frecka, J. Harold
Ott, Ken W.
Reinhard, A. E.
Goodyear Atomic Corp.
Blue, Steven C.
Unaffiliated
Watts, Admiral A.

PROCTORVILLE

*Horsley, A. F.

RICHMOND

Evans, James L.

ROCKY RIVER

Dreher, Geo K.

SALEM

Sabol, Frank P.

SANDUSKY

Aluminum & Magnesium, Inc.
Bonsack, Walter
Sandusky Foundry & Mach. Co.
Bade, Walter H.
*Gow, James T., Sr.
Hamilton, C. Franklin
Kay, Edward G.
McPhillamy, E. A.
Rainger, Charles W.
Sammt, Francis L.

SEBRING

Breckner, William J.

SHAKER HEIGHTS

Kronbach, Geo E.
*Lansing, James H.
Macey, H. G.
McGlone, J. J.

SIDNEY

Stolle Corp.
Grenell, Leland H.

SOLON

Kern, Harry B.

SPRINGFIELD

Ohio Steel Foundry
Gross, Arthur F.

STEUBENVILLE

Vanadium Corp. of America
Schulte, Chas A. J.
Wamstad, Marvin L.
Wheeling Steel Corp.
Conklin Robert J.
Coulson, Albert C.
Drabers, Charles W.
Elliott, John E.
*Edward B. Hughes
Ketcham, Kenneth
McCabe, C. G.
Moore, Lester W.
Snyder, Ernest B.
*Thompson, Lawrence L.
Walter, Robert J.
Whitaker, George P., Jr.
Yocom, Gordon M.
Unaffiliated
Cauger, E. H.
Cox, H. M.
Norris, Frank G.
Parris, W. Maxwell
Wallace, Samuel I.

STRONGSVILLE

Warholyk, Charles A.

SYLVANIA

Roubidoux, Thos. O.

TERRACE

Collier, Russell

TERRACE PARK

Swardson, Harold R.

TILTONSVILLE

Mancuso, N.

TOLEDO

Bunting Brass & Bronze
*Schaefer, Ralph A.
Schwab, Harry G.
Continental Aviation & Engrg. Corp.
Anderson, Herbert T.
Dolite Co.
Henry, M.
Nat'l Lead Co.
Kron, Ernest C.
Owens-Illinois Glass Co.
Richards, Ray S.
Surface Combustion Corp.
Dailey, Wm. H., Jr.
*Tripp, James E.
Unitcast Corp.
Zang, Victor E.
Univ. of Toledo
*Zmeskal, Otto

TORONTO

Titanium Metals Corp. of Am.
*Broadwell, Roger G.
Day, Dwayne L.
Fuhrmeister, H. E.
Heil, William H.
*Kessler, H. D.
Simmons, Richard P.

VIENNA

Gayton, G. Fordyce

WARREN

Copperweld Steel Co.
Buechling, W. J.
Consoldane, A. V.
*Foss, E. K.
Husemann, E. W.
Jones, Robert V.
LaVelle, Thomas P.
Weimer, Clark H.
Republic Steel Co.
Brown, Regis F.
Ripple, Harold O.
Simpkinson, T. V.
Williams, J. O.

WARREN

Aufderhaar, W. B.
Bauer, G. William
Busch, Lee S.

WARRENSVILLE HGHTS.

Perkinson, J. L., Jr.

WAYNESBURG

Kennedy, Jack Henry

WELLINGTON

Sterling Foundry Co.
Obrig, Victor J.

WILLOUGHBY

Miller, Wilber B.

WOODVILLE

Ohio Lime Co.
Witmer, Franklin

WOODSFIELD

Magorien, Raymond D.

WOOSTER

Borg-Warner Co.
Kaminski, Edward W., Jr.
Johnston & Funk Met. Co.
*Kunk, Edward R.
Unaffiliated
Franks, Arthur E.

WORTHINGTON

Wright Patterson Air Force Base, U.S. Air Force
*Bidwell, Lawrence R.
Gegel, H. L.
Hartley, Craig S.
*Holland, 1/Lt. James R.,
*Lipsitt, Harry A.
*Myers, 1/Lt. James R.
Page, John P.
Poynter, James W.
Schneider, Edwin J., Jr.
Stark, Philip
Wilcox, Ben A.
Worcester, Samuel A., Jr.
Unaffiliated
Bartlett, Edwin S.

YELLOW SPRINGS

Reinemann, Glenn N.

YOUNGSTOWN

A. E. Anderson Constr. Corp.
*Savitske, Michael
Gayton Co.
*Gayton, Oscar F.
Jones & Laughlin Steel Corp.
*Phillips, James E.
Wm. B. Pollock Co.
Halls, Harold E.
Jones, Frank Q.
Kincaid, William E.
Pollock, Wm. B., II
Walsh, Francis N.
Ramtite Co.
*West, Thomas B.
Republic Steel Corp.
Anderson, H. L.
Beale, John F.
Dunkle, Howard C.
Ekhardt, Jacob A.
Forsyth, H. J.
Mason, Chas G.
Turner, Joseph
Waggener, Kenneth F.
U.S. Steel Corp.
*Brandon, Edmund J.
Burnett, W. H.
Dickson, R. W.
Herman, Francis J.
Heuer, George F.
Wentz, Ervin L.
Woodworth, L. D.
M. A. Young & Co.
*Young, M. A.
Youngstown Foundry & Mach. Co.
Murphy, James E.
Youngstown Sheet & Tube Co.
Booth, Philip H.
*Braden, O. S.
Carpenter, T. Bruce
Cleary, Thomas A.
Fetters, Karl L.
Frazier, Robert H.
Frushour, Robert H.
Kirkpatrick, J. W.
Shaw, Homer L.
Yeckley, W. H.
Youngstown University
Fisher, Edward J. P.
Unaffiliated
Banks, James C.
Forster, W. G.
Gupta, Ravendra S.
Holstein, Edgar R.
Klibanoff, Allen L.
Rein, Richard H.
Snyder, Karl E.
Theil, Martin

ZANESVILLE

Central Silica Co.
Lincoln, R. V.

OKLAHOMA

BARTLESVILLE

National Zinc Co.
Buff, Bern F.
Elkan, Carl M.
*Morrison, C. W.
Unaffiliated
Prange, Fred A.

BLACKWELL

Blackwell Zinc Co.
Gage, Walter L.
Halfacre, R. E.
Hughen, Marvin L.
Nauert, Robert L.
Page, Herbert R.
Stafford, Douglas H.

MIAMI

Eagle-Picher Co.
Adams, John H.

MUSKOGEE

H. G. S. Anderson & Sons
*Anderson, H. G. S.

NORMAN

Univ. of Oklahoma
*Daniels, Raymond DeWitt
*Upthegrove, Wm. R.

OKLAHOMA CITY

Kerr-McGee Oil Inc.
McGee, Dean A.

PONCA CITY

Rado, Frederick J.

TULSA

Century Geophysical Corp.
Dimmick, Opie
Pan American Petr. Corp.
Clark, Joseph B.
Unaffiliated
Bartlett, Dewey F.
Westphal, F. A.
Wilson, Omer L.

OREGON

ALBANY

Oregon Metall. Corp.
Shelton, Stephen M.
U.S. Bureau of Mines
Kato, Haruo
Roberson, A. H.
Wah Chang Corp.
Jones, Robert G.
Unaffiliated
Anable, Wallace E.

CORVALLIS

Oregon State College
*Paasche, Olaf G.
Unaffiliated
Deardorff, D. K.
Kroll, William J.

GRESHAM

Tauscher, Jos E.

OSWEGO

Sleeper, A. Z.

PORTLAND

Ivan Block & Assoc.
Block, Ivan
Elec. Steel Foundry
Sampson, S. L.
Farnham Chemical Co.
Farnham, Willard
Gladding McBean & Co.
Snowhill, Thomas B.
Metal Engrs. Inc.
*Czyzewski, Harry
National Tank & Pipe Co.
Hansen, Ray C.
Pacific Carbide & Alloys
Glover, Clifton
Union Carbide Metals Co.
Charles, Fred M.
Unaffiliated
Belusko, Vincent E.
Brugman, Francis W.
McVicker, Chas J.
Miller, Keith L.
Rice, LeRoi H.
Vistica, E. A.

RIDDLE

Hanna Nickel Smelt. Co.
Coleman, E. E.
Souders, Frank P.

SALEM

Metzger, Archie W.

SPRINGFIELD

Natl. Metallurgical Corp.
Nelson, Alvin H.
Platte, Winton E.

TROUTDALE

Reynolds Metals Co.
Gaines, Don A.
*White, Gordon E.

PENNSYLVANIA

ABINGTON

Finn, John A.

ALIQUIPPA

Jones & Laughlin
Albaugh, J. N.
Keller, A. C.
Smith, Wm. David
H. K. Porter, Inc.
Bryant, Carl H.
Greiling, Raymond E.
Unaffiliated
Edwards, Robt. E.
Holmquist, J. L.
Makris, James S.
Maxton, Robert C.
Olenchuk, Daniel L.

ALLENTOWN

Bell Telephone Labs.
Bridgers, Henry E.
Edmunds, Gerald
Traylor Engin. & Manu. Co.
Most, Arthur C., Jr.
Unaffiliated
Kurzinski, Edw. F.

ALLISON PARK

Std. Lime & Cem. Co.
*Clokey, George V.
Unaffiliated
Hill, Omar K.
Munro, John J.
Robinson, W. M.
Waibel, Conrad K.

AMBLER

Mohr, Luther A.

AMBRIDGE

Bollinger Corp.
Dorrance, Wm. E.
Wyckoff Steel Co.
*Bishop, Edsel E.

ANNVILLE

H. E. Millard Lime & Stone
Shroyer, David K.

APOLLO

Nuclear Materials & Eqpt.
*Forscher, Frederick

ARDMORE

Bestwall Gypsum Co.
Brown, Thomas F.

AVONMORE

Gen. Steel Castings Corp.
Patton, John R.

BALA CYNWYD

Abbey, Robert G.

BEAVER

Harter, Isaac, Jr.
Schwab, Charles C.
*Taylor, Donald J.
Trishman, L. E.
Yutmeyer, Chas

BEAVER FALLS

Babcock & Wilcox Co.
Church, Clark P.
Hamilton, Newell
Kirchhoff, Peter O.
Marshall, Frank I.
Rutherford, John J. B.
Zipf, George G.

BELLE VERNON

Fustich, Andy
Gath, Virgil
Leone, David P.
Shearer, K. C.

BERWICK

ACF Industries Inc.
Schweyer, Robert P.

BERWYN

Foote Mineral Co.
Dezmelyk, E. W.
Kirby, Aubrey M., Jr.
Litton, Felix B.
*Mathias, Joseph S.
Mitchell, David W.

BETHEL PARK

Allshouse M. S., Jr.
*Vogt, E. G.,
Webster, R. R.
Mahan, W. M.
Sack, John L.

BETHLEHEM

Bethlehem Steel Co.
Anderko, Frank C.
Aylward, Paul T.
Bigge, Henry C.
Bischoff, James H.
Blickwede, Donald J.
Butz, L. W.
Eberhardt, John E.
Elliott, Robert C.
Epstein, Henry
Epstein, Samuel
Foster, J. C.
Foulkes, Thomas G.
Frame, John W.
*Garrett, Robert K.
Grace, E. G.
Graham, Hugh S.
Herasimchuk, Michael V.
Horvath, Paul J.
Howells, E. H.
Indelicato, Bernard
Jacobs, J. E.
Kaulfuss, E. J.
Killmer, John K.
King Parker P.
Kraner, H. M.
Larson, H. C.
Laxar, Frank H.
Lehman, A. L.
Marsh, John S.
Marsilio, Jos V.
Mayer, Edward H.
Morris, Matthew K.
Murphy, D. W.
Nothstein, W. D.
Steers, John E.
Stephenson, Edward T.
*Strom, B. H.
Thurner, Charles R.
Wainwright, T. V.
Whiteley, Roger L.
Winkler, Theodore B.
Zeigler, J. F.
Lehigh University
Butts, Allison
*Conrad, George P.
*Gallagher, Robert T.
Johnson, H. H., Jr.
*Libsch, Joseph F.
Stoughton, Bradley
Suprinick, Harry
Wood, John D.
Mayer & Dibrell & Co.
Dougherty, R. S. A.
Unaffiliated
Dasgupta, S. P.
*Davis, Harry
Gangewere, M. P.
Gee, Kenneth H.
Hittinger, Wm. C.
Kashyap, Vikash C.
Kostelnik, Geo J.
Pops, Horace

BIRDSBORO

Birdsboro Steel Fdry. & Mach. Co.
Rodruan, Edgar A.
Colo. Fuel & Iron Corp.
Coburn, Fordyce

BIRMINGHAM

Kattus, James R.

BLAIRSVILLE

Westinghouse Elect. Corp.
*Bianchi, Leonard M.
*Facaros, George
Mock, James W.
Myers, Chalres C.
Trapp, Robert H.

BOYERTOWN

Kawecki Chem. Co.
Kawecki, Henry C.

BRACKENRIDGE

Allegheny Ludlum Steel Corp.
Aggen, George
Anderson, Oliver C.
Bishop, Harry L., Jr.
*Bryan, Ralph J.
Burket, Robert E.
Carlson, Richard F.
Collins, W. Barry
Connor, Wm. G.
Cook, Alvin G.
Dickey, William H.
Fulton, J. C.
Hicks, Laurence C.
Hilliard, Glenn E.
Koh, P. K.
Landig, Thomas W.
Lena, Adolph J.
Martin, Jack
McCune, H. E.
McHenry, Howard T.
Price, Peter E.
Ramachandran, S.
Reen, O. W.
Reynolds, Edward E.
Seitanakis, G. P.
Shaw, Richard B.
Smith, George Haig
Stroble, Carl P.
Swaney, Richard J.
Watters, John L.
Yerrick, William B.
Unaffiliated
Ardito, Victor P.

BRADDOCK

U. S. Steel
Bayers, William E., Jr.
Jewell, William H.
Lindbloom, Nils W.
McGinley, E. E.
Scarry, John L.
Schreiner, William A.

BRAEBURN

Braeburn Alloy Steel Corp.
Fletcher, Clarence T.
Stotz, Norman I.

BREINIGSVILLE

Standard Plastics, Inc.
*Snelling, Walter O.

BRIDGEVILLE

Chromium Mining & Smelting
Taylor, William J.
Univ. Cyclops Steel Corp.
Bruckart, W. L.
Cortes, F. Richard
Evans, Charles T., Jr.
Felk, Theodore A.
Field, Alexander L., Jr.
Freeman, Hyman
Gretz, Walter R.
Hornbaker, R. W.
Kaufman, Fred A.
Lherbier, Louis W.
McCullough, Harold M.
Meinen, Nat J.
Mogentale, E. A.
Nagy, Alexander
Nelson, Richard G.
Pennington, William J.
Priestley, Harold M.
Reynolds, William T.,
Richmond, Frank M.
*Smith, Edward S.
Soler, Gilbert
Streitman, Jack E.
Unaffiliated
Erdman, W. W.
*Meyer, D. W.
Rossin, Peter C.
Salvaggio, Geo J.

BRISTOL

Hoffman, Rolland L.

BROOMALL

Stellabotte, M. L.
Zuspan, G. W.

BURNHAM

Baldwin-Lima Hamilton Co.
Baldwin, George S.
Hagenberger, Gene M.
Tyson, John D.

BUTLER

Armco Steel
MacMullan, S. J.
McGlincy, J. T.
Parker, H. M.
Schiebel, Ralph J.
Butler Refractories Co.
Lawson, Harry W., Jr.
Magnetics Inc.
Chumasero, John
Unaffiliated
Bilowick, George
Heckett, E. H.
Jack, William C.
Sheakley, Witt

CALLERY

M S A Research Corp.
*Reber, Karl W.

CANONSBURG

Pennsylvania Transformer
Follansbee, J. H., Jr.

CARNEGIE

Brosky X-Ray & Research Lab.
*Teleshak, Stephen
Copperweld Steel Co.
Keene, Walter L.
Metal Chlorides Corp.
*Irani, M. C.
Union Elect. Steel Corp.
Hartman, Earl R.
Unaffiliated
Mahla, Paul J.

CARVERSVILLE

Brandt, W. E.

CATASAUQUA

Douglass, Donald S.

CENTER VALLEY

French, George L.

CHELTENHAM

Lukens, Karl F.

CHESTER

Phoenix Steel Corp.
Milevich, Daniel J.
Unaffiliated
Tracy, L. L.

CHESWICK

Westinghouse Electric Corp.
Bish, Ronald E.
Stoner, Donald R.

CLAIRTON

U.S. Steel
Crowell, Richard S.
Halpin, John A.
Hart, Fred C.
Koko, Frank W.

CLARKSVILLE

Onuscheck, John W.

COATESVILLE

Lukens Steel Co.
Bomberger, John C.
Bunting, Robt. L., Jr.,
Busch, Mrs. Mary J.
*Erskine, Robert A.
Fayles, R. Russell
*Hiller, Austin J.
Huston, Stewart
McEuen, Kenneth W.
Mierley, Richard D.
*Smith, Eugene M.
Watson, Thomas T.

CONSHOHOCKEN

Alan Wood Steel Co.
Backensto, Arthur B., Jr.
*Bare, Earle H., Jr.
Behrman, J. Robert
*Callinan, Edward E.
Campbell, Gordon
Glunt, James A.
Horan, Gerald E.
Lubker, Robert A.
Mathews, D. R.
*Schenck, W. P.
Whiting, John T.

CORAOPOLIS

Rockwell-Standard Corp.
*Komarnitsky, R. S.
Unaffiliated
Nelson, Edwin L.

CORNWALL

Aubrey, W. M., Jr.

COUDERSPORT

Sallade, Charles E.

CURWENSVILLE

North American Refractories Co.
Schroeder, Fred W.

DALLAS

*Mulcey, Paul A.

DONORA

U.S. Steel Corp.
Benner, J. Richard
Boucek, Vincent C.

DOWNINGTOWN

Alexander, Chas W.
Beamesderfer, C. R.

DRAVOSBURG

U.S. Steel Corp.
Siple, James C.

DREXEL HILL

Kobrin, Clarence L.
Schmerling, J. M.

DUQUESNE

U.S. Steel Corp.
Balog, William T.
Barker, Fred A.
Bittner, Thomas P.
Burr, Wesley H.
*Carney, Dennis, J.
Cipro, Edmund T.
Cotton, Louis G., Jr.
*Dickinson, Robert E.
Di Padova, A. A.
Flanagan, Robert J.
Howell, J. Albert
Hutnik, A. W.
Mueller, Geo. G.
*Ogan, A. C.
Oravec, Joseph J.
Ratz, George A.
Shields, Bruce M.
Soboslay, Edward G.
Solomon, Stuart
Spicer, Clifford W.

EAGLES MERE

Holstein, L. S.

EASTON

Lafayette College
*Burroughs, C. Gill
*Jones, Robert R.
Mannesmann-Meer Inc.
Sutinen, Clemens C.
Unaffiliated
Bailey, E. G.

EAST PITTSBURGH

Westinghouse Electric Corp.
Albert, Paul A.
Brown, Jack T.
Fisner, Robert L.
Feduska, William
Foster, Carl
Hall, Richard C.
Kramer, Dr. John J.
*Layland, Ernest
Patterson, K. M.
Pavlovic, Dusan
Rosecrans, S. A.

EAST VANDERGRIFT

United Eng. & Foundry Co.
Jankowski, John S.

EDDYSTONE

General Steel Castings Corp.
Jenni, Clyde B.
Waite, Robert G.

ELKINS PARK

Zirinsky, S.

ELLWOOD CITY

Hogue, Robt. Wayne
La Bate, Michael D.
Pawol, Joseph

ERIE

Erie Forge & Steel Corp.
Danner, George E.
Taylor, Gilbert
Gen. Elect. Corp.
Foldes, Stephen
Rainesalo, Charles R.

EXPORT

Bassett, J. G. Jr.

FAIRLESS HILLS

U.S. Steel Corp.
*Albert, William M.
Bartels, Keith D.
Bartolotta, E. L.
Hanna, Ralph T., Jr.
Hepler, Ernest C.
*Mack, Jay O., Jr.
Swift, Joseph H., Jr.
Walker, Lester R.
White, Richard H.

FARRELL

Sharon Steel Corp.
Oswald, R. C.
Sonnhalter, R. W.
Unaffiliated
Jelinek, John G.

FLOURTOWN

Alan Wood Steel Co.
*Hannigan, J. J.

GETTYSBURG

*Ward, Frederic R.

GIBSONIA

Stark, H. D.

GLENSIDE

*Boynton, Henry C.

GLASSPORT

Copperweld Steel Co.
Whitney, L. C.

GREENSBURG

Jemiam, W. A.
Lord, Robert L.

GWYNEDO VALLEY

Felicity Farm
Enck, Ernest G.

HARRISBURG

Harrisburg Steel Corp.
Nagy, James
Phoenix Steel Corp.
*Jazwinski, S. T.
Zerbe, William F.
Thompson Rand Wooldridge Inc.
*Vitcha, E. T.

HAZELTON

Beryllium Corp.
Pinto, Norman P.
Unaffiliated
Hoffman, A. G.
Specht, Jack S.

HELLERTOWN

Bethlehem Steel Co.
Silimperi, P.

HOMESTEAD

U.S. Steel
Giove, John L.
*Harman, Hal Lee
Schneider, Robert L.
Stroble, Robert W.
Sutherland, John D.
Thomas, Robert O.

HUNTINGDON VALLEY

Keener, Theo. B.

INDIANA

Hough, John W.

INGOMAR

Blackburn, Robert A.

IRVINE, WARREN CT.

National Forge Co.
*Kurtz, Henry L.

IRWIN

Cederstrom, L. R.
Sansone, Leonard, Jr.

JACOBS CREEK

Simkovich, George

JEANNETTE

Carrier Corp.
Cameron, J. A.

JENKINTOWN

Standard Pressed Steel Co.
Riday, Ray S., Jr.
Sproat, Robert L.
Unaffiliated
Howard, John J.
Weik, A. R.

JOHNSTOWN

Bethlehem Steel
Daggett, F. A., Jr.
Hollenback, Elliott H.
*Penrod, R. Earl
Pullen, F. R.
Ross, Paul F.
Stotz, Edward W.
Haws Refractories Co.
Mercill, Charles W.
Mullen, Gerald R.
Nat'l-U. S. Radiator Corp.
du Pont, B. T.
Shafer, W. M.
Posey Iron Works, Inc.
*Memmger, C. H.
Hiram Swanks Sons
Cope, Gerald R.
Rhine, B. A.
Sworb, W. K.
Unaffiliated
Colbert, John W.
Dougherty, J. W., Jr.
Huber, W. R.
Killian, Sidney T.
Kreglow, W. M.
McCann, J. William
Thompson, Chas. W.
Walton, Joseph L.

LANCASTER

Kessler, S. W., Jr.

LATROBE

Alco Products Inc.
*Donaldson, Vernon Verl
Huchette, Paul V.
General Refractories Co.
Rogers, James H.
Kennametal Inc.
Engle, Edgar W.
Smith, Emlyn N.
LATROBE STEEL CO.
Fletcher, S. G.
*Johnson, Birger L.
McNair Shupe, Kay
Vanadium-Alloys Steel Co.
Gill, J. P.
Hamaker, John C., Jr.
Roberts, Geo. A.
Vulcan Mold & Iron Co.
Robbins, John S.
Harvey, J. W.
Moersch, C. F., Jr.
Neely, Grant F.
Unaffiliated
Duncan, Edwin J.
Funk, Charles R.
Lampert, Richard C.
Robb, Frank M.

LEBANON

Bethlehem Steel Co.
Steffensen, P. L.
E. J. Lavino & Co.
*Dissinger, Ronald K.
Lebanon Steel Foundry
Wolosin, S. Edward

LEECHBURG

Allegheny Ludlum Steel Corp.
Christian, R. E.

LEHIGHTON

Castings Inc.
Wilson, Thomas C.

LESTER

Westinghouse Elect. Corp.
Brown, Francis X.
Busch, Theodore I.

LIGONIER

Barnhart, R. M.

McKEESPORT

Firth Sterling Inc.
Havekotte, W. L.
Texter, Adam J.
Reliance Steel Products Co.
Peckman, Arnold L.
U. S. Steel
Ely, John P.
*Florchak, John V.
*Friedlander, Paul A.
Gamble, Jaye S.
Hubbard, Howard N.
Sattele, Louis F.
Sauter, LeRoy J.
Unaffiliated
[illegible], William R.
[illegible], Robert W.
[illegible], Geo. R.
[illegible]ska, Andrew
Kearfott, Joseph B.

MALVERN

J. Bishop & Co.
Hickey, George M.
Midvale-Heppenstall Co.
MacNaughton, L., Jr.
Unaffiliated
Cook, John W.

MARCUS HOOK

American Viscose Corp.
Ghenn, Harry N.

MAYFIELD

Krantz, Frank X.

MECHANICSBURG

Capital Prod. Corp.
Beatty, George R.

MEDIA

Carter, P. L.

MERION STATION

Hanak, Richard J.

MIDLAND

Crucible Steel of Amer.
*Buehl, Russell C.
*Burrier, George M.
Clark, Howard T., Jr.
Dean, Albert G.
*Harkins, Thomas G.
*Huhn, Walter P.
Kern, E. L.
*Kollmann, William C.
Langenberg, Frederick C.
Lindsay, Martin N.
Lutz, Richard N.
March, Eugene A.
*McInerney, William I.
Nelson, Leon H.
Taylor, Maurice E.

MILTON

Ove, J. R.

MONACA

St. Joseph Lead Co.
Carlberg, George
Doelling, Robert F.
Henderson, Chas. D.
Long, Carleton C.
Lund, Robert E.
Morgan, Joseph A.
Rankin, James J.
Redelfs, Robert G.
*Sevick, Joseph G.
Sheppard, Ralph E.
*Simpkins, Verne W.
Wakeley, I. Duane
Warnes, Don E.
Winters, John F.
Unaffiliated
Weaton, George F.
Wehn, John Gift

MONESSEN

Amer. Chain & Cable Co.
Cameron, Robert F.
Pittsburgh Steel Co.
*Farmer, William J.
Feehan, Clarence M.
Labeka, Charles L.
Lami, A.
Mayes, Earl F.
*Mueller, Victor
Orrison, John I.
Ruschak, John D.

MONROEVILLE

U. S. Steel
Aborn, Robert H.
*Birkle, A. John
Bosley, John J., Jr.
Caine, K. E., Jr.
Campbell, R. F.
Chou, Y. T.
Clendenin, J. Donald
Damick, Arthur D.
Darken, Lawrence S.
Doty, W. D'Orville
Fassell, W. Martin, Jr.
Gittings, D. O.
Grace, Lloyd F.
Hodge, John M.
Hornak, John N.
Johnson, Roger T.
Karry, Russell W.
Keh, Alfred S.
Kerlie, Walter L.
King, Robert J.
Knepper, William A.
Lankford, Wm. T., Jr.
Larsen, Bernard M.
Leslie, William C.
*Manganello, Samuel J.
Manning, Richard D.
Marshall, Paul W.
McCartney, Raymond F.
McKewan, Wm. M.
Miller, Donald S.
Myron, Thomas L.
Parker, Stephen J.
Pellissier, George E.
Porter, Lew F.
Radulski, D. F.
Richards, John H.
Rickett, R. L.
Rowland, D. H.
Rygiel, Robert J.
Shannon, Harry F.
Shipley, Earl H.
Smith, Rodney P.
Snow, Roland B.
Speich, Gilbert R.
Stephan, Raymond C.
Stephenson, Robert L.
Turnbull, Thomas, IV
Vilella, Joseph R.
Wagstaff, James B.
Unaffiliated
Driear, Joseph R.
Sergy, Walter T.

MORRISVILLE

Fairless Works
Miller, Emerson R.

MT. BRADDOCK

Eureka Fire Brick Works
Mellott, Willis C.
Woleslagle, Carl A.

MUNHALL

U. S. Steel
Colledge, F. A.
Hovey, Lewis A.
Stitt, Robert E.
Unaffiliated
Caddy, Thomas H.

MURRYSVILLE

Thompson, R. G.

MYERSTOWN

Quaker Alloy Casting Co.
*Juppenlatz, John W.

NATRONA HEIGHTS

Heid, James M.
Such, Louis H.

NAZARETH

Borthaugh Farm
Doan, Gilbert E.

NEW BRIGHTON

Brighton Brk. Co.
Strang, Wm. C.

NEW CASTLE

Mesta Machine Co.
*Klugh, Howard E.
New Castle Chemical Co.
Johns, L. J.
Pennsylvania Engr. Corp.
Davis, Alex L.
McFeaters, Harry L.
*Reichmayr, Josef
Unaffiliated
Mills, Robt. H.

NEW KENSINGTON

Aluminum Co. of America
Anderson, Wm. A.
Bergmann, W. J.
Brennecke, M. W.
Brown, Robert H.
Brennecke, M. W.
Demmler, Albert W., Jr.
Dowd, James D.
Ennor, Wm. T.
Fields, D. S., Jr.
Fink, Wm. L.
Frary, Francis C.
Haney, Elwood G.
Hollingsworth, E. H.
Hunsicker, Harold Y.
Hunter, M. Scott
Lyle, J. P., Jr.
Nelson, B. J.
Robinson, Ivan B.
Russell, Allen S.
Sager, George F.
Stroup, Philip T.
Stumpf, Harry C.
Towner, Raymond J.
Van Horn, Kent R.
*Watson, Harry J.
Willey, L(owell) A.
Unaffiliated
Allen, John
Blean, Geo. G.
Butterfield, E. D.
Factor, Michael V.
Fricke, W. G., Jr.
Judge, William O.
Krursack, Walter L.
Marcantonio, Arthur
Milton, Robert V.
Peifer, W. A.
Weber, L. J.

NEWTON SQUARE

Sun Oil Co.
Ednie, James F.

NORRISTOWN

E. J. Lavino and Co.
Heiligman, H. A.
Superior Tube Co.
*Bounds, Ardey M.
Unaffiliated
Meng, George J.
Zimmermann, J.

NORTH EAST

Electric Materials Co.
*Wightman, A. M.

OAKMONT

Edgewater Steel Co.
*Kessler, Maxwell M.
Riddile, H. C.
Tiernan, Thomas C.
Unaffiliated
*Dix, Edgar H., Jr.
Marsalka, Jos. J.

OIL CITY

U. S. Steel
Current, F. L.
Pearson, John B.
Worthington Corp.
*Biltz, Jack C.

PALMERTON

New Jersey Zinc Co.
Anderson, E. A.
Barnett, C. E.
Dunbar, S. R.
Fetterolf, L. D.
Fuller, M. Luther
Gamble, David L.
*Grimes, Charles E.
Marvin, James Arthur, Jr.
*Rennback, Elliott H.
Scholz, Frank H.
Waring, Robert K.
Unaffiliated
Bieling, Carl R.
*Bunce, E. H.
Halfacre, George F.
Held, Llewellyn J.

PALMYRA

Hagan, Earl J.

PHILADELPHIA

Ajax Metallurgical Corp.
Clamer, Guilliam H.
Keeley, Roger J.
Arcos Corp.
*Moore, Thomas Joseph
Berwind-White Cl. Ming. Co.
Pfahler, Robert G.
Botfield Refractories Co.
McQuillen, A. L. Jr.
Budd Co.
*Allen, Charles B.
Leiter, Ralph W. E.
*Nelson, Paul G.
Dodge Steel Co.
Roberts, E. V.
Drexel Inst. of Tech.
Grosvenor, A. W.
Foote Mineral Co.
Bennett, Winslow W.
Cass, Boyd E.
Chambers, Gordon H.
Cornelssen, C. W., Jr.
Wanamaker, E. M.
Frankford Arsenal
Burlingame, John W.
Holpuch, Otto F.
Jamieson, A. L.
*Nash, Samuel K.
Zeman, Roy P.
Franklin Institute
Damiano, Victor V.
Greenfield, Irwin G.
*Herman, Marvin
Meakin, John D.
Rutherford, John L.
Smith, Raymond L.
Spangler, Grant E.
Wiese, John R.
Wilsdorf, Heinz G. F.
General Electric
*Dick, Paul
*London, Gilbert J.
Gen. Refractories Co.
Bickell, Albert E.
*Coddington, Samuel L.
Fay, Mervin A.
Graham, Harry T.
*Grigsby, Chester E.
Heuer, R. P.
King, George H.
Partlow, James E.
Rappold, William F.
Greenburg Egrg. Co.
*Greenberg, Elmer H.
Greenberg, Wm. B.
International Nickel Co.
Foley, Francis B.
The Iron Age
*Unterweiser, Paul M.
Janney Cylinder Co.
Hubbard, Erle J.
*Janney, John B.
Jefferis, Philip P.
Scott, William Bryson
E. J. Lavino & Co.
Baer, Gordon R., Jr.
Corriston, J. Wilson
Dykstra, Franz R.
Feerrar, L. R.
Fletcher, John E.
Hall, Horace N.
Lorange, John O.
Mitchell, Harbour, Jr.
Stowe, Gaylord T.
Tucker, Bradford S.
Leeds & Northrup Co.
Coleman, Lee H.
Finch, Donald I.
Pollock, Daniel D.
Manganese Steel Forge Co.
Doepken, Herbert C.
Midvale-Heppenstall Co.
Bradd, A. A.
Busby, Paul E.
Ford, James M.
Gillis, J. M. F.
Lansdale, Philip T.
Lockwood, Arthur F.
McCutcheon, W. N.
Minn. Honeywell Reg. Co.
Green, John R.
Nice Ball Bearing Co.
Pogacar, Charles F.
No. Amer. Refractories Co.
Brown, Donovan P.
Pencoyd Steel & Forge Corp.
*Schaefer, Adolph O.
Phil. Bronze & Brass
Hunter, Harold T.
Philco Corp.
*Snowman, Alfred
H. K. Porter Co.
Halford, Wm. M.
Horace T. Potts Co.
*Komm, Charles P.
Thwing-Albert Instrument
Albert, Edward J.
United Eng. & Constructors Inc.
*Minet, Ronald G.
Naval Air Engr. Facility
*Moore, R. R.
Univ. of Pennsylvania
Brown, Norman
*Dodd, Richard Arthur
*Gokcen, Nev Altan
Heldt, Lloyd A.
*Maddin, Robert
Vacuum Concrete Inc.
*Harris, Stuart I.
Warner Co.
Goudie, Richard W.
Westinghouse Elect. Co.
Argo, H. Craig
Mochel, Norman L.
West Michigan Steel Fdry. Co.
Lenar, Eugene J.
Unaffiliated
Bohuslaw, John
Foutz, G. V.
Hughes, P. J.
Korostoff, Edward
*MacGregor, Charles W.
Pessel, L.
Pfeiffer, George W.
Rinnander, A. J.
Rinnovatore, J. V.
Stephano, C. S.
Tung, S. K.
*Wilenchik, I. W.

QUEHANNA

Curtiss Wright Corp.
*Merlub-Sobel, Menahem
*Weigert, Karl M.

PHOENIXVILLE

Pohenix Steel Corp.
Milos, John M.
Petroskas, John A.
Stengle, John A.
Tatnall Measuring Systems Co.
Tatnall, Francis G.
Unaffiliated
Ott, Samuel A.

PITCAIRN

Danko, Joseph C.
Zwell, Leo

PITTSBURGH

Air Reduction Sales Co.
Boal, George Y.
Brubaker, W. B.
Allegheny Ludlum Steel Corp.
Eiswerth, Edwin F.
Patterson, Walter M.
Allis Chalmers Mfg. Co.
Baisley, John H.
Aluminum Co. of Amer.
Alden, John H.
*Bakken, Herman E.
Blackmun, E. V.
Bossert, Theodore W.
Dean, Walter A.
Hunt, Alfred M.
King, William E.
McCormick, Thomas F.
Wentz, W. W.
Whitzel, Raymond T.
Ambyers Co.
Aston, James
Amer. Brake Shoe Co.
Bauman, Paul J.
Maley, Geo. E., Jr.
Amer. Metal Products Co.
Knapp, William E.
Armco Steel Corp.
Bremmer, F. W.
Wm. M. Bailey Co.
Ferree, Jay W.
Neely, Eugene M.
Basic Inc.
Lally, Thomas R.
S. H. Bell Co
Beidler, C. H.
*Brand, Wm. N.
Blaw-Knox Co.
Allison, F. H., Jr.
*English, Ray H.
Haus, Jan F.
Henninger, Robt. C.
*Loxterman, H. Russell
Montgomery, J. L.
Ornitz, Martin N.
Pottmeyer, E. W.
Snyder, W. Cordes, Jr.
Stenzel, Herbert E.
Tomer, David K.
E. W. Bliss Co.
*Hodgson, Norbert C.
Peterson, Charles E.
Borolite Corp.
Blum, Arnold
Tom Brown Industrial Supply
*Wolfensperger, R. E.
Can-Am Met. Sales Co.
*Tisdale, Norman F., Jr.
Carnegie Institute of Tech.
*Bitler, William R.
*Derge, Gerhard
Gretz, Ronald D.
*Hirth, J. P.
*Horne, G. Terry
*Lambert, Richard H.
*McCabe, C. Law
*Mehl, Robert F.
*Paxton, Harold W.
*Philbrook, Wm. O.
*Pound, G. M.
*Schiesser, William E.
*Shewmon, Paul G.
*Smoluchowski, R.
Warner, J. C.
*Wells, Cyril
Yang, Ling
Climax Molyb. Co.
Loria, Edward A.
Orr, D. Bruce
Robb, John F.
Consol. Coal Co.
Kennedy, James P.
Corliss Wldg. & Mach. Co.
Russell, R. B.
Crucible Steel Co. of America
Barry, George R.
Buchovecky, Wm. A.
Chandhok, Vijay K.
Church, Charles H.
Cremisio, Richard S.
Day, M. J.
Dickerson, J. D.
Dulis, Edward J.
Finlay, Walter L.
Gautschi, R. H.
Goldstein, David
Hoke, John H.
McCauley, James K.
McCoy, Clifford W.
*Momich, Peter
Nehrenberg, A. E.
*Philip, T. V.
*Preusch, Charles D.
*Stanley, Jas. K.
Steven, Gary
Talento, Anthony
Westgren, Robert C.
Yarotsky, B. E.
H. R. Curry Co.
Curry, Herbert R.
Dacar Chem. Prod. Co.
Datesh, John N.
Shaw, Earl B.
M. H. Detrick Co.
Ellman, Louis
Ellman, Walter E.
Dravo Corp.
Berg, Dapid R.
Dumas Steel Corp.
Dumas, M. G.
Eimco Corp.
Badge, J. C.
Electro Metal Co.
Holmes, John G.
Firth-Sterling Inc.
Redmond, John C.
Foundry Services Inc.
Brindle, J. H.
General Refractories Co.
Brumbaugh, Sumner E.
Schwartz, Fred W.
Troutman, Ward M.
Globe Brick Co.
Ahl, Charles E., Jr.
G. P. E. Controls Inc.
Engstrom, E. R.
Great Lakes Carbon Corp.
Gebel, Charles R.
A. P. Green Fire Brick Co.
Allardice, Jas. B.
Fitzmier, R. E.
Highley, Robert W.
Gulf Res. & Dev. Co.
Vollmer, L. W.
Hagan Chemicals & Controls
Nourse, Thomas M.
Harbison-Walker Refractories Co.
Birch, Raymond E.
Brashares, C. A.
Moore, Richard S.
O'Donnell, John M.
Rochow, W. F.
Schweinsberg, H. S.
Shonkwiler, F. P.
*Webber, John J.
Heppenstall Co.
Altman, A. R.
Cooper, Lloyd R.
Grim, Howard G.
Heppenstall, R. B.
Hill, Jack R.
Succop, John A.
Hickman Williams & Co.
Glanding, N. G., Jr.
McGregor, Wm. J.
Stewart, J. M.
"Industrial Heating"
Wishoski, I. Stanley
International Nickel Co.
Haller, Carl T.
Johns-Maniville Sales Corp.
Langley, R. M.
Jones & Laughlin Steel Corp.
Beeghly, H. F.
Bessen, Irwin I.
Bevelheimer, F. Bruce
*Brown, Dwight C.
Butler, John F.
Carlsen, Kurt M.
Clark, Harold T.
Cornelius, Nelson C.
Dancy, Terrence E.
Delve, Frederick D.
Dukelow, Donald A.
Emerick, Harold B.
Enzian, George H.
Feigenbaum, Simon
Flaherty, Joseph H.
Huntley, Wilbert F.
Koros, Peter J.
Lander, Horace N.
Loughrey, Daniel R.
Miller, David H.
Moore, Robt. F.
Morgan, Eric R.
Pollack, John F.
Seward, John E.
Thomas, Kenneth Charles
Joy Mfg. Co.
Mairs, M. Bruce
*Morrow, J. D. A.
Kaiser Aluminum
Gaebe, Philip A.
*Miller, William F.
Voss, Joseph A., Jr.
Willis, James L.
*Wolcott, R. M.
Kaiser Engineers
*Knepshield, George W.
Kerchner Marshall & Co.
Maloney, Robert F., Jr.
Koppers Co., Inc.
*Baer, Gordon R.
Bankson, John P.
Benson, Don E.
Clark, Robert L.
Cox, Gordon L., Jr.
Karsten, Arnold J.
Leech, W. A., Jr.
Mathesius, W. H.
Maurice, Harvey W.
Powers, Robert E.
Preston, Elliott
Rice, Owen R.
Ruecke1, Walter C.
Tucker, L. G., Jr.
Van Ackeren, Joseph A.
Vollmer, Richard W.
Lava Crucible-Refractories
Giesey, Joseph L., Jr.
South, Richard C.
Stiteler, E. C.
*White, Harold Edwards
E. J. Lavino & Co.
Meell, I. Joseph
*Shaer, Robert W.
Lottus Eng. Corp.
Lambing, L. A.
McGraw-Edison Co.
Wallis, W. B.
M. & G. Industrial Assoc. Inc.
Munroe, Robert
Mellon, Inst.
*Beer, Sylvan
Bhat, G. K.
Frederick, Edward R.
Massalski, T. B.
*Wilkins, Charles H. T.
Molyb. Corp. of Amer.
Tisdale, N. F.
Wilson, William G.
Mt. Savage Ref. Co.
Rost, Andrew J.
National Carbon Co.
Copley, James S.
LeMay, J. E.
Michael, James A.
Nat'l Ind. Publ. Co.
Lasday, Stanley B.
National Steel Corp.
*Hill, William P.
Neville Ferro Alloy Co.
MacBeth, James, Jr.
Neville Lime Co.
Brown, R. Marshall
N. R. C. Equipment Corp.
Schwab, Peter V. P.
Ohio Ferro Alloys Corp.
Blackburn, F. E.
Hearn, W. L.
Ohio Lime Co.
Meyer, Philip L.
Peoples Natural Gas Co.
Beatty, L. K.
Pittsburgh Coke & Chem. Co.
Dean, Eugene R.
*DeRolf, Harry James
Hillman, W. C., Jr.
Humphries, W. H., Jr.
*Kearns, John F.
*Marshall, C. T.
Pittsburgh Commercial Heat Treating Co.
Cox, Alfred M.
Pittsburgh Metal Co.
Black, Ray E.
Cashdollar, L. W.
Pittsburgh Metals Purifying Co., Inc.
McConnon, Thomas C.
Pitt. Steel F'dry Corp.
Zillman, R. W.
H. K. Porter Co., Inc.
Shoop, Willis
*Stewart, Wilfred H.
Turner, W. A.
Williams, Dan D.
Ramtite Co.
Antonelli, John
Hanson, Ralph C.
Hitchcock, M. R.
Refractory Spclts. Co.
*McCredie, J. W.
Geo. P. Reintjes Co.
Offill, Paul M., Jr.
Research-Cottrell Inc.
McDonnell, J. G.
Ritter Eng. Co.
Ritter, Wayne G.
Roll Manufacturers Institute
*Arant, Norbert R.
Rust Furnace Co.
Blaine, F. A.
Salem-Brosius Inc.
*Lloyd, Thomas E.
Frank Samuel & Co.
*McConnell, L. W.
Shenango Furnace Co.
Snyder, Wm. P., Jr.
Grant B. Shipley Eng.
*Shipley, Grant B.
"Steel Publications, Inc."
Longenecker, Charles
Reich, H. Milton
Smith, Joseph H.
Stoner-Mudge Co.
Gray, Daniel M.
Swindell-Dressler
Casey, Samuel B., Jr.
Chapman, J. F.
*Hanff, E. A.
*Martin, H. I.
*Mitchell, John B.
Nicholson, Frank E.
Chas. Taylor Sons Co.
Burke, L. Roger
M. H. Treadwell Co., Inc.
Wallace, W. W.
Union Carbide Metals Co.
Claus, Fred R.
Deeley, Paul D.
*Herbener, Arthur
Lewis, David V.
McKeon, Wm. T.
Peterson, John L.
Reed, Robert L.
Specht, George, Jr.
Weller, D.L.
(U.S.) Atomic Power
Eichenberg, John D.
U. S. Bureau of Mines
Andreychek, Sergius D.
Melcher, Norwood B.
*Royer, Miles B.
U. S. Steel Corp.
Austin, James B.
Brown, William W.
Buck D. C.
Christoph, Geo. R.
Davenport, Edmund S.
Debenham, W. S.
Ekholm, L.G.
Golden, John J.
Gray, James C.
Gunia, Russell B.
Heger, James J.
Hjortsberg, Arthur
Hood, C. F.
Hubbell, F. P.
Jenks, S. M.
Jones, G. T.
Katana, John M.
Kay, Charles M.
*Kohlhaas, Paul F.
Lightner, M. W.
Marzke, Oscar T.
Mather, Roger F.
Mayo, W. H.
McBride, David L.
Miller, Richard F.
Naismith, Samuel
Orehoski, M. A.
Pakkala, M. H.
Phillips, Freeman J.
Regelin, Donald H.
Robinson, E. L.
Rohl, L. J.
Rollins, J. Donald
Shane, Philip, Jr.
Simon, Richard W.
Smith, Charles G.
Speer, Edgar B.
Stapleton, James M.
Steigerwalt, Robert D.
Thornton, Arthur W.
Tindall, E. L.
Topping, John
Van Meter, Elgin
Vogel, Kenneth J.
Weaver, Patterson S.
Wilder, Arthur B.
Williams, Charles E.
Young, John L.
Zimmerman, J. G.
Univ. of Pittsburgh
*Berger, J. Alfred
*Fitterer, G. R.
*Gittins, Arthur W.
McCoy, Robert C.
*Zabielski, Chester V.
Vanadium Corp. of America
deLaval, Carl G.
Killian, William J.
Orr, Harry Ernest
Vesuvius Crucible Co.
Farrell, Richard E.
Harley, Theodore H.
Hauck, Alex. C.
*Murton, Crawford B.
Warner Co.
Mauk, H. G., Jr.
Westinghouse Elec. Corp.
Adamson, R. G.
Aspden, R. G.
Babyak, William J.
*Bach, Joseph H.
Bechtold, J. H.
Bleiberg, Melvin L.
Britton, William H.
*Burkart, Milton W.
*Byrne, Robert F.
Byron, Edgar S.
*Chen, Chih Wen
Conrad, Hans
Culbertson, W. W.
*Feisel, Duane H.
Ferrari, Dr. Harry M.
France, Leonard L.
Fraser, M. J.
Goldman, Kenneth M.
Goodwin, James G.
Grimshaw, Leonard C.
Gross, Jason
Gulbransen, Earl A.
Hart, Joseph Henry
Hill, Maynard L.
*Hu, Hsun
Hull, Frederick C.
Hunter, Harry B.
Jaffe, Donald
Johannessen, H. George
Johnson, Edwin W.
Katz, Owen M.
Kubit, Charles J.
Lascheid, Robert H.
Lombardo, James J.
Lorenz, Frederick R., Jr.
*Losco, E. F.
Lustman, Benjamin
Martini, A. James
McMullen, William D. W.
Mullins, William W.
Oesterle, John H.
*Richardson, Lee S.
Rubenstein, Lester S.
Scott, David B.
Thomas, Donald E.
Weart, Harry W.
Werner, F. E.
Wiener, George W.
Wittmann, Robert P.
Wolfe, Richard A.
J. W. Woomer & Assoc.
*Boyd, John T.
Unaffiliated
Agnew, James W.
*Arnold Samuel, 3rd
Augustine, Alfred
Austermiller, W. R.
Batz, Michael
Baxter, D. Bedell
Beatty, Robt. C.
Benter, W. P.
Bihlman, Victor W.
*Bowden, R. K.
Braun, O.L.
Brezin, Martin
Brickner, Kenneth G.
Brooke, Frank W.
Brown John T., Jr.
Brunner, George A.
Carlson, W. A.
Carvlin, G. M., Jr.
Connor, W. E.
Conway, Leon F.
Corbett, Robert B.
Cunningham, Wm. R.
Dasher, John
Dunn, H. Earl
Edgar, Clement B.
Egger, Edward J. W.
Foster, Floyd W.
Foster, Thomas H. L.
Francis, Charles B.
Freeberg, Charles A.
Garratt, Frank
Gorman, Henry B.
Graham, Herbert W.
Halteman, Eber K.
Hammerschmidt, Lee
Harrison, John D.
Hartner, E. P.
Hill, Richard L.
Hines, Robert A.
Isherwood, John J.
Kaufman, Sidney M.
Kennedy, Andrew M.
Klein, Alfred W.
Klimas, C. V.
Kramer, Ken H.
Kress, Roy A.
Lacerte, Richard C.
Lambert, R. A.
*Lesher, Carl Eugene
Lincoln, H. T., Jr.
Masten, Fred C.
McCluan, Wm. G.
McKee, E. M.
McLoughlin, T. J.
Mechem, John T.
*Miller, E. K.
Obenchain, R. E.
Patil, Raghunath G.
Pearson, Oscar
Pence, I. D.
Phatak, Vidyadmar Y.
Pierce, J. Allen
*Plante, Thomas W.
Ray, Dyotirmay
Rice, O. D.
Richardson, H. L.
Rys, F. W.
Schneider, Henry C.
Schweinsberg, C. H.
Seaver, Kenneth
Shapland, James T.
Smith, Frank E.
*Speller, F. N.
Squire, Alexander
Steinbrenner, W. L.
Tarbet, John E.
Taylor, Paul E., Jr.
Thomas, James L.
Titzel, J. M.
Unger, W. S.
Whetzel, J. C.
White, George M.
White, H. A., Jr.
Wriedt, H. A.
Zook, J. R.

PITTSON

Pagnotti Coal Co.
Pagnotti, Louis

PLEASANT HILLS BORO

Smith, Robert W.

PLYMOUTH MEETING

G. & W. H. Corson Inc.
*Moore, C.D.

POTTSVILLE

Menzies Engrg. Co.
Moser, Bernard A.
Unaffiliated
Colitz, Frank

READING

The Beryllium Corp.
*Cohen, Paul M.
*Higbie, Kenneth B.
Lenhart, Robert E.
Santschi, William H.
*Silverman, Barton M.
Smith, Ethan A., Jr.
Carpenter Steel Co.
Beaver, Howard O., Jr.
Bigler, Clarke A.
Culp, Neil J.
D'Alberto, Henry R.
Divine, Charles A., Jr.
Eberly, W. S.
Post, Carl B.
Purdy, Samuel Moreau
The Polymer Corp.
Stott, Louis L.

RIDLEY PARK

Divan, Alfred R.

ST. MARYS

Int'l. Graphite
Eisaman, Jack H.
Hart, Ronald G.
Rand, S. D.
Unaffiliated
Kaul, Andrew, III

SALTSBURG

Joy Mfg. Co.
*Bouille, J. Richard

SCOTTDALE

The Duraloy Co.
Anger, Earl M.
Unaffiliated
Barclay, Frank H.

SCRANTON

The Hudson Coal Co.
Null, Henry H., III
Sprague & Henwood Inc.
Longmore, Herbert J.

SEWICKLEY

U. S. Steel Co.
Bain, Edgar C.
Unaffiliated
Lawrence, Geo. D.
Walton, Thos. M., Jr.

SHARON

Natl. Malleable & Steel Casting Co.
McDonough, Martin T.
Sharon Steel Corp.
Connor, Phil
Hill, Robert P.
*McClure, William H.
Unaffiliated
Barker, Thomas E.

SHARPSVILLE

Shenango Furnace Co.
Anderson, Harry J.
Dornin, George A., Jr.
Norton, B. W.
Unaffiliated
McCracken, James M.

SINKING SPRING

Tobias, Fred J.

SNOW SHOE

J. H. France Refrac. Co.
*Myers, James F.

SOUTHAMPTON

Alloy Steel Cstg. Co.
Volk, Donald J.

SPRINGFIELD

Gayley, Harry B.
Gillan, C. A., Jr.

STATE COLLEGE

Kalmar, Albert K.
Latta, Charles R.
*Reagan, W. J.
*Strauss, Jerome
Wolf, J. D.

STEELTON

Bethlehem Steel Co.
Chandler, C. F., Jr.
Potter, C. W.
Taddeo, W.

STOYSTOWN

Bittner, Robt. W.

TITUSVILLE

Universal-Cyclops Steel Corp.
Cogley, Donald A.
Davis, Uriah W.
Kelley, Thomas N.

TOWANDA

Sylvania Electric Prods. Inc.
Anglin, A. E., Jr.
Clare, L. Paul
Nelson, Russell C.

TREICHLERS

Kelsey, W. M.

TRUCKSVILLE

Seetoo, Winston R.

TURTLE CREEK

Fisher, Robert M.
Goss, Richard E.

UNIVERSITY PARK

Penn State Univ.
*Davis, H. M.
*Hoyt, Frank D.
*Muan, Arnulf
Lewis, Robert K.
*Osborn, E. F.
*Pinnow, Kenneth E.
*Shaler, Amos J.
Steidle, Edward
*Williamson, Merritt A.

VANDERGRIFT

United Engrg. Fdry. Co.
*Godleski, Stephen
Kommel, Arthur R.

VERONA

Hoffaker, B. E.

VILLANOVA

Caulfield, M. W.

WASHINGTON

Frazier Simplex Inc.
*Longenecker, L. S.
Jessop Steel Co.
*Brown, Benjamin H.
Groethe, R. E.
*Weldon, Maur J.
Molybdenum Corp. of Amer.
Lucas, Eugene F.
Washington Steel Corp.
Brown, Darwyn I.
Unaffiliated
Hannon, J. W. G.
Lucas, Emil A.

WAYNE

Milliken, S. R.
Ziesing, Robert A.

WAYNESBORO

Landis Tool Co.
*Fay, Frederick J.

WEATHERLY

Weatherly Fndy. & Mfg. Co.
Smith, William J.

WEST CHESTER

Aeroprojects Inc.
Thomas, John G.
Unaffiliated
Porter, Vernon L.
Walling, F. F.

WEST NEWTON

Leone, Otto J.

WEST PITTSON

Glen Alden Coal Corp.
Saunders, Wallace L.

WHEATLAND

Wheatland Tube Co.
*Leisy, R. Warren

WHITE HAVEN

Wilmot Eng. Co.
*Wilmot, George L.

WILKES BARRE

Anthracite Institute
Earnest, Frank W., Jr.
Johns Manville Corp.
Marvel, Irvin L.

WILLOW GROVE

Kellett Aircraft Corp.
Humphreys, R. A.

WYNNEWOOD

Allen Sherman Hoff Co.
Berry, B. C.
Unaffiliated
Richards, David J.

WYOMING

Gatti, Gerald A.

WYOMISSING

Reading Alloys
*Perfect, Fred H.

YARDLEY

Elec. Storage Bttry. Co.
McGivern, James F., Jr.
Unaffiliated
Landis, Given A.
Storm, Richard G.

YORK

J. E. Baker Co.
*Hofmann, Herman J.
Borg-Warner Corp.
*Norris, Bertrand S.
Hains Engrg. Ltd.
Hains, Donald J.
Unaffiliated
Monk, Thomas A., Jr.

YOUNGWOOD

Westinghouse Electric Co.
*Moss, Robert G.
Pappas, James

RHODE ISLAND

BARR

McIver, John

COVENTRY

Curtis, Harold W.

KINGSTON

Univ. of Rhode Island
*Mairs, Kenneth H.
*Mohrnheim, Anton F.

PHILLIPSDALE

Washburn Wire
Tear, Henry L.

PROVIDENCE

Brown Univ.
*Gurland, Joseph
Liebmann, B. G.
Gorham Mfg. Co. Inc.
*Gotthold, Edgar I.
Matthew, William P.
Grinnell Corp.
Ey, Clifford S.
Schubert Heat Treating
*Schubert, George H.

SOUTH CAROLINA

AIKEN

E. I. du Pont de Nemours & Co.
McCaskey, George A.
*Tuer, George L., Jr.
Unaffiliated
Holmes, Wilbur G.

CLEMSON

Clemson College
*McCormack, Dr. John T.

COLUMBIA

*Taber, Stephen

SPARTANBURG

Robinson, T. L.

SOUTH DAKOTA

LEAD

Homestake Mining Co.
Taylor, William H.

RAPID CITY

Black Hills Power & Light Co.
Babbitt, Harry Z.
South Dakota School of Mines
*Anderson, Paul H.
*Beebe, Robert R.
*Gries, John Paul
*McHugh, Alexander E.
Unaffiliated
Burk, Wayne
Das Gupta, Mohinder
*Hayes, Noel P.

SIOUX FALLS

Wagner, Rollin P.

TENNESSEE

ALCOA

Aluminum Co. of America
Anderson, Arvid N.
Yerger, John D., Jr.

CHATTANOOGA

Combustion Engrg. Inc.
Andreae, Pierre V.
Heavy Minerals Co.
*Drosten Fred W.
Kruesi, Paul R.
Olin Mathieson Chem. Co.
*King, W. John
Ross-Meehan Foundries
Robbins, Frank M.
Stuff, Paul H.
Tenn. Prods. & Chem. Corp.
Bryson, James A.
Day, Robert W.
Unaffiliated
*Glasser, Julian
McIntosh, T. J.
Pallas, George

COPPERHILL

Tennessee Copper Co.
Adams, Albert B.
Booton, L. W.
Burns, R. R.
Keffer, Walter F.
Mitchell, T. A.
Querry, W. Y.
Tower, R. J.

ERWIN

Reese, Stanton L.

JACKSON

Aluminum Foils Inc.
Altenphol, Dietrich
*Fischer, Peter U.

KNOXVILLE

Foote Mineral Co.
Collins, Douglass S.
Morgan, William D.
Univ. of Tenn.
Brooks, Charles R.
*Stansbury, E. E.
Unaffiliated
Rarms, W. O.

MEMPHIS

Montana Ferroalloys Inc.
Hastings, G.
Shutt Process Equip. Corp.
*Albree, Anson B.

NASHVILLE

Tenn. Products & Chem. Corp.
Buskie, John W.
Evans, Marcus
Few, William E.
*McDermott, Thomas H.
Myers, Howard B.
Vanderbuilt Univ.
*Jewell, W. B.
Victor Chem. Wks.
Zergiebel, C. P.

OAK RIDGE

Union Carbide Nuclear Co.
Adamson, G. M., Jr.
Betterton, Jesse Oatman, Jr.
Borie, Bernard S.
*Coobs, John H.
Frye, John H., Jr.
Jetter, Lawrence K.
Kennedy, Charles R.
Kegley, T. M., Jr.
Leonard, W. J.
*Litman, Arnold P.
*Manly, William D.
McHargue, Carl J.
Scott, James Louis
*Smith, Charles O.
*Sparks, Cullie J., Jr.
Stoneburner, Donald F.
Tackett, Joseph W.
*Wechsler, Monroe S.
Yakel, Harry L., Jr.
Unaffiliated
Mahoney, Charles H.

POWELL

Hinkle, N. E.

ROCKWOOD

Tenn. Prod. & Chem. Corp.
Given, James
McClure, Roger N.

TEXAS

ABILENE

Tesco Eqpt. Co.
*Collins, Arthur Q.

AMARILLO

Amer. Smelt. & Ref. Co.
Schultz, K. H.

ARLINGTON

Mallory Sharon Metals
Flint, George L.

AUSTIN

Univ. of Tecas

*Bucknall, Eric H.

BEAUMONT

Sun Oil
Halbouty, Thomas J.
Unaffiliated
Oxford, W. F., Jr

BELLAIRE

Hickernell, Jas. L.

COLLEGE STATION

A. & M. College of Texas
Blount, Charles E.
Rogers, Bruce A.

CORPUS CHRISTI

Amer. Smelt. & Ref. Co.
Henderson, John J.
Jephson, A. C
Kelahan, Robert C.
Miller, William H.
Reynolds Metals
Sherwin, Ralph S.
Unaffiliated
Lister, T. R.

DALLAS

American Petro. Inst
Ubben, James E.
Chance Vought Aircraft
*Richter, John A.
Dixie Lead Co.
Bassett, Cecil E.
Lone Star Steel Co.
Graper, Leslie G.
Smallwood & Son Oil & Gas
Smallwood, Joe L
Southern Lead Co.
Murph, D. B.
Temco Aircraft Corp.
*Jacobs, Frank Jr.
Texas Met. Service
*Henton, Hugh M.
Unaffiliated
Gilbert, Bruce
*Joyce, Edwin
Loncario, Rado G.
Mitchell, Jos. A.

DUMAS

Amer. Zinc Co. of Ill.
Allison, George A.
Bailey, Gordon R.
Clark, Bruce C

EL PASO

Amer. Smelt. & Ref. Co.
Harcus, Robert Wayne
Henderson, James M.
Kelly, William R.
Leiter, Kenneth L.
McIntosh, D. H.

Nasmyth, William R.
Nelson, Jack H.
Paul, Robert B.
*Plapp, E. B.
Roberts, Ben D.
Westerfield, S. Newell
Woodside, Thos J.
Zangwill, A. I.
Baron Chem. Co. Inc.
Mason, Ben Y.
Colo. Fuel & Iron Corp.
Miller, Mallory L.
Darbyshire Steel Co. Inc.
Lindeman, C. A.
Denver Fire Clay Co.
Newell, F. A.
H. W. Foester Co.
Foester, Hallard L.
Mine & Smelter Supply Co.
Laurel, Louis
Phelps Dodge Ref. Corp.
Adams, Ben E.
Alston, Norman R.
Bell, Marion S.
Donahue, Earl W.
Hale, Paul H.
Kunkle, Bernard B.
Sanders, F. W.
Texas Western College
*Huffstutler, M. C., Jr.
*Rintelen, J. C., Jr
Geo. S. Thomson Co. Inc.
Murray, R. S., Jr.
Unaffiliated
Benson, Robert J.
Christensen, F. J.
Dickinson, George L.
Eason, Wm. H.
Essler, J. E.
Heller, Carl W.
Henderson, W. H.
Lunderville, Robert E.
McGuire, John E., Jr.
Meyer, Robt. C.
Nobles, J. M.
Prescott, H. T.
*Ragsdale, John Goodwin
Spoon, Billy H.

FORT WORTH

Convair
*Herr, James C.
*Levy, Victor
Texas Steel Co.
Dilbeck, Robert S.
Unaffiliated
Brown, George R., Jr.
McClintick, R J.

FREEPORT

The Dow Chem. Co.
*Cathcart, Raymond F.

GALVESTON

Aamot, Olav Crone
Mazzara, Vincent B.

PRAIRIE

Lone Star Boat Co.
Tomlin, D. O.

HOUSTON

Air Reduction Co.
*Tull, A. E.
Armco Steel Corp.
Brooks, Geo. Wm.
Campbell, K. P.
Fatheree, John D., Jr.
*Johnstone, Geo. O.
Leinert, Carl
*Tyler, J. William A.
Cameron Iron Works Inc.
Meeter, Gordon L.
Roshong, R. L.
*Young, Harry E.
Christensen & Matthews
Christensen, S. H.
Cochran-Dean Co.
*Brantley, Don W.
Continental Oil Co.
Reynolds, Jack J.
Dunwoody Pipe & Supply Co.
Pinion, J. S. (Sid)
Federal Steel Products
*Sherrill, John G.
Homco
Justice, Geo. E.
Hughes Tool Co.
Martin, Daniel J.
Schlumpf, Robert W.
Whanger, James P.
Kaiser Alum. & Chem. Sales Inc.
Farrell, Frank H.
Magnet Cove Barium Corp.
*Talbot, C. F.
Rice Inst.
Brotzen, Franz R.
*Masson, D. Bruce
Schlumberger
Legeron, Roger A.
Tenn.-Tex. Alloy & Chem. Corp.
*Massey, Wilgy W.
Union Carbide Metals Co.
Hanson, Frederick W.
Unaffiliated
Adams, Clyde C.
Blanchard, Andre
Bridges, John B.
Frank, W. J.
French, B. E., Jr.
Irvin, Walter L.
Medlock, J. D.
Scott, T. R.
Wilson, D. E.

LAREDO

National Lead Co.
Kulpaca, Robert L.

LONE STAR

Lone Star Steel Co.
Anderson, S. Glenn
Bishop, Norman G.
Brashear, J. M.
Earhart, Edwin W.
Purcell, Stephen M.

LONGVIEW

Erickson, C. David
Zook, J. J.

LUFKIN

Texas Foundries Inc.
*Smith, Stanford O.

ODESSA

Atlantic Refining Co.
Price, William G.

ORANGE
Buck, James F.

RICHARDSON

Taylor, Leonard L.

ROCKDALE

Pope, Roy M.

ROSENBERG

Blackburn, G. H.

SAN ANTONIO

Southwest Res. Inst.
*Liu, Tien-Shih

TEXAS CITY

Wah Chang Corp.
Mackey, Thomas Stephen

VERNON

W. T. Waggoner Estate
Michie, Earl H.

VICTORIA

Friedel, R. H., Jr.

UTAH

AMERICAN FORK

Aime, Jack

BOUNTIFUL
Bechtold, Robt. F.

BRIGHAM CITY

Thiokol Chem. Corp.
Bessey, Larry E.

CEDAR CITY

Larsen, Donald

GARFIELD

Kennecott Copper Corp.
Gordon, Scott E.
Johnson, Lorin L.
Unaffiliated
Koropp, Karl H.

LARK

Rager, Walter E.

MAGNA

Garfield Chem. & Mfg. Co.
Butler, Earl B.
Kennecott Copper Corp.
Anderson, Russell V.
Belka, Elmer W.
Beyer, Jackson H.
Coombe, William J.
Dean, Robert L., Jr.
Erickson, Charles A.
Hardy, Edward V.
Thompson, Raymond
Unaffiliated
Coon, James T.
Lanier, Howard

MIDVALE

U. S. Smelting & Ref. & Ming. Co.
Creglow, Loran A.
Johnson, H. L.
Vaughan, Allan C.
Unaffiliated
Nelson, Casper A.

MOAB

Uranium Reduction Co.
Curfman, R. L.
Goff, John B.
Painter, Lewis A.
Winn, Buford B.
Utex Explor. Co.
Davenport, James D.
Unaffiliated
Constantini, S. A., Jr.
Decker, Thomas G.

MONTICELLO

Mayne, Steven L.

MURRAY

Shaw, Harold J.

OREM

Barkley, C. J.
Hills, Lamar S., Jr.
Olinghouse, Ken R.

PROVO

U. S. Steel Co.
*Aikins, Robert E.
Black, L. F.
Forkum, Carl J.
Hunziker, E. Warren
Jones, Philip E.
Mayer, Robert C.
Schaumburg, G. W.
Tofft, Leonard
Wilson, D. G.
Unaffiliated
Bain, John W.
Brown, George B.
Harding, Clinton
Lambert, C. B.
Matekovic, Martin
Moore, L. F.
Stone, Richard S.

SALT LAKE CITY

W. S. Adamson & Assoc.
Adamson, William S.
Amer. Foundry & Machine Co.
Rosenblatt, Donald N.
Amer. Gilsonite Co.
Williams, John F.
Amer. Smelt. & Ref. Co.
DiSanto, B. J.
Donoso, Julius J.
Richardson, P. K.
Rouillard, W. G.
Weiss, Norman L.
Chase Brass & Copper Co.
Peck, Dale L.
Chem. & Met. Eng. Inc.
White, J. H., Jr.
Electric Steel Foundry
Cook, Frank C.
Howard P. Foley Co.
Berrell, Charles I.
Galigher Co.
Liss, Tom
Independent Coal & Coke
O'Connor, W. J.
Kennecott Copper Corp.
Back, A. Edward
*Davis, Donald L.
Flynn, Edmund J.
*Franz, H. W.
Hearn, Ira K.
*Leigh, Arthur H.
McCarty, Cecil
Michaelson, C. O.
Prater John D.
Smit, Francis J.
Stevens, Royale J.
Sullivan, Robert C.
Tuddenham, W. M.
Lake Metals Co.
*MacKay, Byron R.
Minerec Corp.
Lyle, Burton E.
Rare Metals Corp. of Am.
Kronstadt, R.
Rocky Mt. Refractories
*Ostler, Virgil F.
Roux Engineering Sales
Roux, James R.
F. C. Torkelson Co.
*Duke, Otto
Woestmeyers, Henry J.
U. S. Bureau of Mines
*Fuller, Harry C.
Hayashi, Masami
Rosenbaum, Joe B.
Univ. of Utah
*Christensen, Carl J.
Lewis, John R.
Megerth, Frederic H.
*Mukherjee, Nalin R.
Suazo, J. R.
Uranium Reduction Co.
*Burgess, J. Wesley
Utah Construction Co.
*Hanson, Earl F.
Vitro Uranium Co.
Cole, Richard C.
G. M. Wallace & Co.
Kunkel, R. E.
Western Rock Bit Mfg. Co.
*Kron, Robert O.
Westinghouse Co.
*Anderson, Rex N.
Unaffiliated
Beckstead, Rex C.
Bradford, H. R.
Brown, Edwin P.
*Buchman, Louis
Densley, N. J.
Farnsworth, P. L.
Fisher, Kenneth E.
Gudmundsen, S. A.
Hardman, Vern C., Jr.
Harley, John M., Jr.
Herres, Otto
Hughes, Stanley
Jimenez, R. A.
Last, George A.
Malouf, E. E.
Marshall, F. J.
Mele, Salvatore S.
Ogilvie, Kendal M.
Ohde, David O.
*Oldright, G. L.
*Porter, R. R.
Richards, A. H.
Senger, Richard W.
Smith, Albert B.
Thomson, H. C.
Whitney, Lavon
Zeldin, C. Arthur

SANDY

Gold, Milton O.

TOOELE

Inter. Smelt. & Ref. Co.
*Bardwell,Carlos
Bardwell, Howard
Belich, Melvin J.
McKenna, W. J.
McFarland & Hullinger
Nelson, Wilmer D.
McFarland, F. G.
Unaffiliated
Klenda, Anton R.
Maynard, A. W.
Voyer, Thomas K.

VERMONT

BURLINGTON

Univ. of Vermont
Skapski, Adam S.

VIRGINIA

ALEXANDRIA

U. S. Army
Utech Harvey P.
Unaffiliated
Arthur, John E.
*Fawcett, Lewis H.

ARLINGTON

U. S. Army Research Office
*Tarr, Allan Lawrence
Unaffiliated
Fick, Nathaniel C.

BIG STONE GAP

Stonega Coke & Coal Co.
Schott, W. C.

BLACKSBURG

Virginia Polytechnic Inst.
*van Reuth, E. C.

CHARLOTTESVILLE

Va. Div. of Min. Resources
Calver, James L.

COLONIAL HEIGHTS

Harvey, W. C.

DAHLGREN

U. S. Naval Proving Ground
Magis, S. F.
Unaffiliated
Romine, Hugh E.

GLOUCESTER

Cunningham, G. H.

HEATHSVILLE

*Neale, Milton M., Sr.

LANGLEY FIELD

Nat'l. Aeronautical Space Adm.
McEvily, A. J., Jr.

LYNCHBURG

Babcock & Wilcox Co.
Ewing, John F.
*Lowe, Arthur L., Jr.
Silk, Edmond J.
E. J. Lavino & Co.
Frederickson, H. E.
Unaffiliated
Bolotsky, Max

NEWPORT NEWS

Newport News Ship. & Dry. Co.
Hansen, Gerald J.

NORFOLK

North, Donald F.

RICHMOND

Reynolds Metals Co.
Brooks, Carson L.
Bylund, Linton D.
Daugherty, T. Stevens
Fritzlen, Thomas L.
Gaddis, Wendell F.
Gennone, Richard J.
Householder, L. E.
Sonsonetti, S. John
Schmidt, Walther
Stein, George E.
Stretmater, F. Forrest
Webb, Thomas E.
Unaffiliated
Maples, Robert S.
Brennan, Bruce E.

STRASBURG

Chemstone Corp.
Jarnagin, W. M.

WEST NORFOLK

Virginia Smelting Co.
Eustis, Augustus H.

WASHINGTON

AUBURN

Lindberg, Russell A.

BELLEVUE

Horsfall, John C.

EVERETT

Sumner Iron Works
*Miller, Ralph E.

FEDERAL WAY

Banning, Robert O.

KENT

Bajoraitis, R.

LONGVIEW

Reynolds Met. Co.
*Johnson, D. W.
Morgan, David S.

MEAD

Link, Wm.

MERCER ISLAND

Ferguson, R. A., Jr.

PULLMAN

Washington State Univ.
*Aitkenhead, W. C.
*Duran, Servet A.
*Johnson, Donald L.
Spielman, J. P.

Washington-Wyoming

RENTON

Boeing Airplane Co.
Davis, Robert A.
Quist, William E.

RICHLAND

General Electric Co.
Bush, Spencer H.
Callen, A. C., Jr.
Greninger, Alden B.
Kingsley, Paul S.
Minor, James E.
*Socky, Richard B.
Thomas, Ivor D.
Tverberg, John C.
Weber, James W.
Wick, O. J.
Unaffiliated
Rathbun, Wm.
Turner, Louis D.
Zoutte, A. Andre

SEATTLE

Boeing Airplane Co.
Bergstrom, Theodore R.
Brunner, Hans
Effenberger, Lewis J.
Fergus, Andrew J.
Ferguson, Ken R.
Golda, Stanley J.
Kelly, Carter R.
*Noritake, Cyrus S.
*Stacy, John T.
*Webbert, James C.
Bethlehem Steel
Burtch, Charles T.
Heinzinger, Lee W.
Bunker Hill Co.
Kroll, Alvin F.
Haaland & Hoskins Assoc.
*Hoskins, Charles B.
Pacific N.W. Pipeline Corp.
Sheppard, Robert B.
Penberthy Inst. Co.
*Robinson, C. Ted
Seattle Pub. Library
Richards, John S.
United Control Corp.
Costello, Edward G.
Univ. of Wash.
Lloyd, Richard H.
*Roberts, Earl C.
Unaffiliated
Anderson, Wm E.
Boore, William F.
Cole, Charles B.
Carlson, James F.
Hughes, M. J., Jr.
Johnston, J. G.
Lawrence, H. P.
Millett, Thomas O.
Pasley, Dallas H.
Van Zandt, T. L.

SPOKANE

Chromium Min. & Smelt. Co.
Weston, Perry L., Jr.
Gladding McBean & Co.
*McLaughlin, Ralph H.
Kaiser Alum. & Chem. Corp.
Binczewski, George J.
*DeMoney, Fred W.
Fergin, G. S.
Fetzer, Maurice C.
Finlayson, Malcolm John
Gaffney, Richard E.
Hess, James B.
Maddigan, Stephen E.
Olleman, Roger D.
Smith, Dana W.
Zeigler Paul P.
Pacific N.W. Alloys
*Fegan, George
U. S. Geol. Survey
Frykland, Verne C., Jr.
Unaffiliated
*Mitchell, W. E.

SUNNYSIDE

Nelson, Thomas C., Jr.

TACOMA

Amer. Smelt. & Ref. Co.
Harvey, Warren M.
Kroba, A. J.
Lindquist, Lawrence W.
Low, Charles R.
Mellish, A. H.
*Plass, Martin L.
Shinkoskey, Robert E.
Teats, Merrill C.
Kaiser Alum. & Chem. Corp.
*Rosene, Carl John
Folkrod, C. B.
Unaffiliated
Marble, E. R.
Matthews, James E.
McMillan, Don J.
Morrison, Wm. M.
Roberts, Sidney G.
VANCOUVER

Alum. Co. of America
Burgstahler, Edwin J.
Classen, A. J.
Wilson, Charles R.
Wiltschko, W. W.
Yeasley, John W.
Unaffiliated
Clark, Rudy E.
Stout, G. R.

WENATCHEE

Alum. Co. of America
Blessinger, John A.

WEST VIRGINIA

ALLOY

Union Carbide Metals Co.
*Eisen, William B.
Whiting, C. C., Jr.
Unaffiliated
Barker, George P.

HUNTINGTON

Int'l. Nickel Co.
Britz, Norman Charles
Edwards, Paul H.
Kline, Elmer M.
Warmuth, Donald B.
Island Creek Coal Sales Co.
*Yeager, Ulysses B.
H. K. Porter Co.
Matasich, Charles L.
Wilbanks, John E.
Wilson Welding Co. Inc.
Wilson, James G.
Unaffiliated
Lambertus, Frank
Milby, Elmer
*Thurman, Astor L.

MILLVILLE

Standard Lime & Cement
Chantler, L. W.

MONTGOMERY

Marathon Coal Bit Co.
Stephens, Robert J.
Unaffiliated
Perez, J. A.

NEWELL

Globe Brick Co.
Phillips, D. Gordon

RAVENSWOOD

Kaiser Alum. & Chem. Corp.
Amos, Lloyd A.
Deitz, G. A.
Watters, Donald W.
Unaffiliated
Cooper, Charles E.

SPELTER

Meadowbrook Corp.
Gronemeyer, Herman A.

WEIRTON

Nat'l. Steel Corp.
Campbell, Ivor E.
Scharfenaker, W. J.
Spaulding, W. D.
Strassburger, Julius H.
Weirton Steel Co.
Bowman, Ray O.
Carr, C. E.
Dougherty, Sylvester J.
*Hass, Kenneth P.
Howell, Richard M.
MacDonald, A. John, III
*McDonnell, Harry E.
Rahr, William D.
Unaffiliated
Taylor, J. H.

WHEELING

Wheeling Steel Corp.
Copp, Warren F.
Holman, Wm. H.
Koenemund, Paul W.
Unaffiliated
Hansen, George P.
Shackelford, Earl L.
Steele, William A.

WISCONSIN

BROOKFIELD

Schmidt, James A.

CLINTONVILLE

F. W. D. Corporation
*Sorenson, James

CUDAHY

Ladish Co.
Smith, Richard C.

GREEN BAY

Speerschnetder, C. J.

JANESVILLE

Parker Pen Co.
*Anderson, John E.
Jacobs, Wayne

KENOSHA

Am. Brass Co.
*Butterbaugh, H. W.
Doremus, George E., Jr.
Lillie, Thomas J.
Am. Motors Co.
Banski, Thomas J.
Kenosha Bugle & Drum Corps
Johnson, Albion

MADISON

Mesabi Mineral Assoc.
Bowman, Francis F.
Ray-O-Vac
*Fitchett, Edmund M.
Univ. of Wisc.
Lowe, Donald F.
*Mack, David J.
*Rosenthal, Philip C.
*Schmitt, Alton R. C.
Unaffiliated
Walter, R. J.

MILWAUKEE

Allis Chalmers Mfg. Co.
Agthe, Fred Thomas
*Bedell, Edward Louis Jr.
Dreshfield, Robert
Edens, Walter W.
Frey, Muir L.
Hadley, Stanton Thomas
Huang, S. C.
Ihrig, Harry K.
Jarman, John T.
Krebs, Manfred
Lellep, O. G.
Matters, Robert
Ohno, John M.
Ampco Metal, Inc.
Klement, John F.
Babcock & Wilcox Co.
Gammeter, Elmer
Baso, Inc.
Matthews, Russell B.
Chain Belt Co.
*Hodlewsky, Wasyly
*Hofmeister, Wm. F.
*Zimmermann, Clyde R.
Falk Corp.
Hager, Wm. F.
Wellauer, Edward J.
Ladish Co.
*Foley, Edward J.
A. O. Smith Corp.
Kedzie, Donald P.
Ramsey, Paul W.
*Scheil, A. Merrill
Stainless Fdy. & Engrg. Inc.
*Johnson, Thomas E.
McBroom, John
Standard Brass Works
Jacobs, Kenneth L.
Wehr Steel Co.
*Heck, George W.
Unaffiliated
Butt, Corienne E.
Spencer, Lester F.

ONALASKA

Waldenberger, J. E.

PLATTERVILLE

Wisc. Inst. of Technology
Melcher, Milton A.

RACINE

Lakeside Malleable Castings Co.
*Osborne, Robert V.

SOUTH MILWAUKEE

Bucyrus-Erie Co.
Holm, Paul James

WAUKESHA

Parana, William J.
Williams, W. C.

WAUWATOSA

Seifert, Ralph
Hoak, Harold T.

WEST ALLIS

Allis Chalmers Mfg. Co.
Helfrich, Wayne J.
T. H. Cochrane Labs.
*Blackwood, R. Ross

WYOMING

LAMONT

Bellamy & Sons
Bellamy, Ben C.

RIVERTON

Utah Development Co.
Ritchie, M. I.

FOREIGN

NORTH AMERICA

CANADA

ALBERTA

CALGARY

Lazarovici, M.

EDMONTON

Premier Steel Mills Ltd.
Heffernan, G. R.
University of Alberta
*Leja, Jan
*Parr, Gordon J.
Youdelis, William V.
Unaffiliated
Fraser, Robert W.

FORT SASKATCHEWAN

Sherritt Gordon Mines
Loree, R. J.
Mackiw, V. N.
*Pearce, Rex F.
Wadia, Dorab
Warner, John P.
Young, Kelvin A.

MEDICINE HAT

Northwest Nitro Chem. Ltd.
Zelem, John

BRITISH COLUMBIA

Esquimalt Pacific Naval Laboratory
*Barer, R. D.

ROSSLAND

Eyre, R. E.

TRAIL

Cons. Min. & Smelt. Co. of Canada Ltd.
Bell, Raymond C.
Hargrave, J. Howard, D.
McNaughton, R. R.
Mitchell, Ernest A.
Sutherland, Charles A.
Trevison, Robert L.
Turnbull, A. Douglas
Turner, Gordon H.
Weldon, T. Herbert

VANCOUVER

Nimpkish Iron Mines Ltd.
Wines, S. Vernon
Univ. of Brit. Col.
*Armstrong, William M.
*Forward, F. A.
*Griffiths, Vernon
Howard, Henry M.
*Peters, Ernest
Ssu, Yun-I
Western Canada Steel Ltd.
Billings, John
Western Copper Mills Ltd.
*Chichmanian, Yervant L.

VICTORIA

*Whitton, Hurlock G. G.
*Young, Roland S.

MANITOBA

BISSETT

Reynolds, G. P.

FLIN FLON

Hudson Bay Min. & Smelt.
Carr, J. D.
Mussio, Sergio Gino

NOVA SCOTIA

HALIFAX

Nova Scotia Tech. Coll.
*Cameron, E. Lee
MacDonald, R. D.

SYDNEY

DOSCO

Campbell, John C.
*Dean, A. W.
*McIsaac, Joseph G.

NORTHWEST TERRITORY

Giant Yellowknife Gold Mines Ltd.
Irvine, Donald J.

ONTARIO

BURLINGTON

Steetley of Can. Ltd.
Sanction, E. H.
Unaffiliated
*Ambrose, John H.
McMulkins, F. J.
Vallance, G. V.

COPPER CLIFF

Internat. Nickel Co.
Bischoff, Joseph C.
Bracken, Eugene H.
Cook, Wilfred J.
Harcourt, George A.
Kelly, Dan
*Koth, Warren R.
Luck, Melville A.
McConnell, Jack B.
Rabeau, E.
Renzoni, Louis S.
Rogers, John
Roorda, H. J.
Sheridan, F. W.
Smith, Austin
Waddington, Ralph H.
Wynnyckyj, John R.

CHALK RIVER

A. E. C. L.
Speirs, Kenneth K.

CUTLER

Noranda Mines Ltd.
Morrison, Bernard H.

DELORO

Deloro Smelt. & Ref. Co.
Whittemore, Carl Raymond

DON MILLS

Evans, Howell T.

FALCONBRIDGE

Falconbridge Nickel Mines
Berry, H. T.
Rivett, Louis S.
Thornhill, P. G.

HALEY

Dominion Magnesium Ltd.
Timm, Harold A.

HAMILTON

Canad. Westinghouse Co. Ltd.
Lavigne, Dr. Maurice J.
Dominion Foundry & Steel Co.
Atkinson, J. R.
Stewart, W. J.
Weir, W. R.
McMaster Univ.
*Kirkaldy, John S.
Steel Co. of Canada Ltd.
Griffith, Harold M.
Hilton, Hugh G.
Hindson, R. D.
Hood, John E.
McMahan, J. S.
Mohri, August F.
Moore, A. K.
Morrow, J. G.
Sibakin, J. George
Unaffiliated
Audette, Paul M.
Bridgewood, V. H.

KINGSTON

Alum. Lab. Ltd.
Hay, Robert H.
Queens University
Belyea, H. Grant
*Carson, Orrin A.
Hames, F. A.
Lord, T. V.
Unaffiliated
Osadchuk, R.

OSHAWA

R. D. Werner Co. Ltd.
Werner, Robert I.

OTTAWA

Dept. of Mines
Briggs, David C.
Convey, John
Gertsman, S. L.
Ignatieff, Alexis
Ingraham, Dr. T. R.
*Meier, J. W.
Rogers, R. R.
Spence, Neville S.
Walsh, John H.
Weinberg, Fred
*White, Denis W. G.
Quebec Met. Ind. Inc.
Davis, Howard F.
Unaffiliated
Bell, D. R.
Bleakney, Henry H.
Lathe, Frank E.

OWEN SOUND

Wm. Kennedy & Sons Ltd.
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Canadian Furnace Co. Ltd.
Allen, Horace J.
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*Hugill, O. H.
*Lewis, John R.
Int. Nickel Co.
Barker, W. Vernon
Cupp, L. E.
Tuck, J. Howard
Unaffiliated
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PORT HOPE

U. S. Atomic Energy Commission
Chapin, Elmer F.
A. M. F. Atomics Ltd.
*Price, Bartlett R.
St. Catherines
*Hardy, Thomas W.

SAULT STE. MARIE

Algoma Steel Corp.
Dowhaniuk, W. P.
Drake, Charles W.
Joyce, Douglas
Madden, Robert C.
McAuley, A. Harold
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Ballstadt, H. A.
Benton, C. C.
Speer, James H.
Underwood, J. G.

SCARBORO

Federated Metals Ltd.
*Hale, Stanley

SPRAGGE

Consol. Denison
Black, A. B.

SUDBURY

Falconbridge Nickel Mines Ltd.
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TORONTO

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Mallett, G. S.
A. P. Green Firebrick, Ltd.
Glunk, C. W.
Wilson, J. T.
W. S. Atkins & Assoc. Ltd.
*Hatch, G. G.
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Canadian Gen. Electric
Seger, C. A.
Dalic Metachemical Ltd.
*Martiquet, J. E.
Detrick Co. of Can.
Bronskill, B. G.
Electric Reduction Co.
Jeffes, Dr. James H. E.
Electro Met. Co.
Galbraith, C. W.
Kellam, F. W.
McKerron, Donald
Willey, Gordon E.
Ensio, Whiton & Assoc.
*Ensio, Peter J.
Falconbridge Nick. Mines
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Internat. Nickel Co.
Farnham, Gordon S.
Provias, Peter John
Ion Exchange Ltd.
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Linde Air Prod.
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Ontario Res. Foundation
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Orenda Engines Co. Ltd.
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A. H. Ross & Assoc.
*Ross, Alvin H.
*Ward, Ernest W. S.
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Hutton, Gilbert J.
*Lund, Arne W.
*Pidgeon, L. M.
*Ross, H. U.
Ventures Ltd.
Fraser, Horace J.
*Mortimer, John M.
Unaffiliated
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Conaty, Francis H.
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Mitchell, J.
*Reimers, Jan H.
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WELLAND

Atlas Steels Ltd.
Barnhardt, L. F.
Latimer, George F.
Mackay, W. B. F.
Olson, George Carl
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Electro Met.
Brandstatter, Hans G.
Loach, Gerald O.
Turnbull, John D.
Page Hersey Tubes
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Ford Motor Co. of Canada
Chappell, James N.
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Alcan
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BEACONSFIELD

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CHIBOUEAMAU

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DORVAL

Hirst, Thomas C.

LACHINE

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Thompson, Robert

MONTREAL

Alum. Co. of Canada, Ltd.
*d'Aragon, Bernard
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Herzer, Richard W.
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Alum. Secretarial Ltd.
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Canadian Copper Refiners
Bridgstock, Guy
*Brown, Bernard
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*Scholen, John H.
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Can. Inst. of Min. & Met.
Gerow, Carlyle
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Canadian Pac. Rwy.
*Orr, J. E.
Canad. Pratt & Whitney
*Chander, Jagdish
*Meyer, Walter
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Pitt, Norman P.
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Chromium Ming. & Smltg.
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*Yates, H. H.
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*Spire, Etienne
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*McKerrow, G. C.
Mills, Leonard A.

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Can. Unit Cast Steel
*Pride, Gordon J.
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Laval Univ.
*Letendre, G.

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Scobie, A. G.

ST. BRUNO

Forbes, S. S.

SHERBROOKE

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Noy, Jack M.
Sorel Steel Foundries Ltd.
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*Desilets, Raoul
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SASKATCHEWAN

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CANANEA, SONORA

Cananea Cons. Copper Co.
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Morris, George E.
Sevilla, Segura Agustin
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CHAPALA, JALISCO

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CHIHUAHUA, CHIH.

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Dillon, Wallace M., Jr.
*Dugdale, Russell M.
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Peyton, F. K.

DURANGO, DGO

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JUAREZ, CHIH.

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Winter, Edward J.

MAZATLAN, SINOLOA

Hanger, Anders

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*Becker, William
Cia. Min. de Zacatecas, S.A.
Casas-Alatriste, E.
Comercial Euzakadi, S.A.
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Albert Doerr Co., S.A.
*Duarte, Alvarez Jorge
La Consolidada, S.A.
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*Covarrubias, Francisco D.
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USOM/Mexico
*Miller, Robert M.
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MONCLOVA, COAH

Altos Hornosde Mexico
*Beyer V., Ernesto
*Roehll, Edward C.
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MONTERREY, N. L.

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Morris, S. R.
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*Mee, Whitney P.
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*Trevino, Abelardo
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Barrera, Rod F.
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McWalter, H. G.
Hojalata y Lamina, S.A.
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Foster, M. K.

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TEQUISQUIAPAN

Seamon, W. H.

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Mitchell, O. P.

CUBA

HAVANA

Moa Bay Mining Co.
*Machon, Daniel W.
Compania Minera Buenarista
*Montoulieu, Eduardo I.

MOA BAY

Moa Bay Mining Co.
Engle, L. F.
Golding, Donald K.

NICARO

Nickel Processing Co.
Von Stein, Paul

SANTIAGO

Moa Bay Mining Co.
Adler, A. C.

VIRGIN ISLANDS

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ARGENTINA

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Heath, Federico A.
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*Capocasale, Salvador D.
Est. Met. Santa Rosa, S. A.
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Minerals y Metales
*Foster, Rollins Sanders

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Mercader, Alfredo L.

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Victoria Mill
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Carneiro De, Jose J.

MINAS GERAIS

Wscieklica, J.

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A.M.R.J.

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Cia Siderurgica Nat'l.
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Esc. Nac. Engenharia
*Fabriani, Ferrucio

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Marcondes, M. D. O.
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VOLTA REDONDA

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CHILE

ANTOFAGASTA

Mauricio Hochschild
Joseph, Werner O.

CHUQUICAMATA

Chile Exploration Co.
Hayes, Arthur R.
Jones, F. E.
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CONCEPCION

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Paidassi, Jean

EL SALVADOR

Andes Copper Mining Co.
Jones, Jack A.

POTERILLOS

Andes Copper Mining Co.
Bates, W. A.
Bennett, William J.
Towell, F., Jr.
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RANCAGUA

Braden Copper Co.
Hyde, Ed, Edward
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SAN FELIPE

Jimenez, E. Hagel

SANTIAGO

Cia. de Acero del Pacifico
Martin, Peter V.
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Mackenna, Francisco Cuevas
Unaffiliated
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TALCAHUANO

C.A.P.
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Farmacia Toscano
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Acerias Paz del Rio
*Cross, Arthur
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Jaramillo, Bernardo

MEDELLIN

Cardona, Ignacio
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AREQUIPA

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CERRO de PASCO

Cerro de Pasco Corp.
Randall, Frank M.

LA OROYA

Cerro de Pasco
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Colley, Bernard T.
De Pirro, Richard
Ernst, J.
Zuzunaga, Alfonso P.
Halle, Charles E. H.
*Harris, Leonard
Hickey, P. J.
Higgs, H. W.
Hull, Kenith
Jacobi, Jan Stephen
Lehto, Robert S.
Olivares, F. E.
Parsons, W. D.
Ravnborg, Kal
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*Scott, Derek
Unaffiliated
Giron, Isaac N.
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LIMA

Cerro de Pasco
Bredow, Hasso V.
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Cia. Minera Tarica, S. A.
Erquiaga, R.
Mauricio Hochschild & Cia.
*Holme, R. Norman
*Knobler, Richard R.
Int'l. Petroleum Co., Ltd.
*Dasso, Carlos
Southern Peru Copper Corp.
Delius, Frederick W.
Doerr, Kuno, Jr.
Haug, Elmer H.
Tittmann, Edw. M.
G. E. Unger Ing. Assoc. S. A.
*Tarnawiecki, A.
Unaffiliated
King, Walter E.
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SOGESA-CHIMBOTE

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VENEZUELA

CARACAS

Cia. Venezoland de Fomento
Gamboa, Argenis J.
Ramseyer & Miller
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PUERTO LA CRUZ

East West Oil Tools
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VIENNA

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FINLAND

HARJAVALTA

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*Walter, Jacques

PARIS

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Le Nickel
Thurneyssen, C. G.
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Testut, Roger J.
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*DuPont, Max
Soc d'Elec-Chimie d'Ugin
Bensimon, Roland L.
Soc. des Forges et Ateliers du Creusot
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Soc. Miniere et Metallurgique de Penarroya
Iche, Jean
Ledoux, Frederic
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Societe Metallurgique D'imphy
Bouchet, Jean
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Union Francaise des Prod. Refractories
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Union of French Overseas Mines
*Bellanger, A. J.
Unaffiliated
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Hoffman, Wilhelm

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*Fichte, Dr. Rudolf M.

OBERHAUSEN RHEINL

Huttenwerk Oberhausen AG
Dick, Dr. Walther H.

STUTTGART

Koster, Werner

ULM-DONAU

Wieland-Werke AG
Wieland, Hans C. P.

WITTEN

Spolders, Rudolf

GREAT BRITAIN

ENGLAND

Abbots Langley
Chitty, A.

ALDRIDGE

McKechnie Bros. Ltd.
*James, Harold F.
Swindells, Norman

AVONMOUTH

I. S. Processes Ltd.
John, G. O.

AYLESBURY

Intnatl. Alloys Ltd.
Thomas, Gordon James
Central Research Lab
Hacking, Richard A.

BIRMINGHAM

James Booth & Co.
Crowther, James
Enfield Rolling Mills Ltd.
Bond-Williams, Noel
I. C. I. Ltd.
*Alexander, William Oliver
Mond Nickel Co. Ltd.
Steven, W.
Tube Investments Ltd.
Jenkin, John Watson
Univ. of Birmingham
*Cahn, Robert W.
Chinowsky, Stanley
Hy. Wiggin & Co. Ltd.
Hignett, Harold W. G.
Unaffiliated
Cook, Dr. Maurice

BIRCHINGTON

Robson, Stanley

BRISTOL

*Brander, James
Harris, Colin F.

CAMBRIDGE

Univ. of Cambridge
*Kelly, Anthony

CHESTER

Shell Res. Ltd.
Wilson, Robert W.

CORBY

Stewarts & Lloyds Ltd.
Neilson, J. H. S.

COVENTRY

Hard Metal Tools Ltd.
*Oliver, A. E.

EDENBRIDGE

British Genco Engr. Co. Ltd.
*Calow, Michael J.

ERITH

General Electric Co. Ltd.
Millar, Robert Neil

FOXHILL

Dept. Admiralty
Short, Joseph

HAREFIELD

Ministry of Supply
Bennett, B. O.

HEREFORD

Casewell, E.

HOVE

Hicks, R. J.

LANCASTER

Fullan, Bernard F.

LETCHWORCH

K. & L. Steel Founders & Engrs.
Waters, B. H. C.

LIVERPOOL

Williams Harvey & Co. Ltd.
Boxall, John M.

LONDON

Alum. Dev. Assocn.
West, E. G.
Bechtel Intnatl. Corp.
Belter, Everett H.
British Insulated Callenders Cables Ltd.
Gregory, Peter
British Iron & Steel Fed.
Colclough, T. P.
British Iron & Stel Res. Assoc.
Goodeve, Sir Charles
Turkdogan, E. T.
British Non Ferrous Metals Res. Assoc.
Bailey, George L.
British Oxygen Res. & Dev. Ltd.
Cook, Leslie
Copper Dev. Assoc.
Voce, E.
Electrothermal Engrg. Ltd.
Goldstaub, Henry Herbert
Goodlass Wall & Lead Ind. Ltd.
Makower, Anthony
Huntington Heberlein & Co.
Jennings, Rodney Francis
Imperial College
*Richardson, F. D.
Imperial College of Science & Tech.
Dannatt, Cecil W.
Inst. of Metals
Guillan, Lt. Col. S. Charles
Inst. of Min. & Met.
Kerrigan, B. W.
Iron & Steel Inst.
Headlam-Morley, K.
Magnesium Elektron Ltd.
*Ball, C. J. P.
Mond Nickel Co. Ltd.
Pfeil, L. B.
Reme Technica Svcs.
*Bridgett, C. D. S.
Royal School of Mines
Cheng, Lieh-Leng C.
Steel Co. of Wales
Bruce-Gardner, Sir Charles
U. S. Off. of Naval Res.
Weertman, Johannes
Unaffiliated
Bauld, R. H.
Bonstow, Thomas L.
Burwood, Douglas S.
Evans, Gerald J.
Hill, C. T.
*Jones, W. D.

MANCHESTER

Lancashire Steel Corp. Ltd.
Jenks, W. A.

MIDDLESBROUGH

Over, C.

MILFORD

Salem Engrg. Co. Ltd.
Holden, J. W.

NEWPORT

Whitehead Iron & Steel Co.
Jones, Brynmor

NORTH FERRIBY

Copper Pass & Son Ltd.
Smith, C. N. Wilmot

NORTHFLEET

Britannia Lead Co.
Barrett, K. R.

OLD HILL

Barr, W.

PRESCOT

British Insul. Callenders Cables Ltd.
Bannister, William Joseph

RAINHAM

Murex Ltd.
Miller, George Leslie

ROTHERHAM

United Steel Co's. Ltd.
Saniter, Frank H.
Unaffilaited
Baker, Robert Cecil

SCUNTHROPE

Appleby-Frodingham Steel Ltd.
Reeve, Lewis

SHEFFIELD

Hadfields Ltd.
Colbeck, Eric Winearls
Sheffield Assay Office
*Cocks, W. Trevor
Unaffiliated
Sully, A. H.
Vickers, W.

STAFFORD

Eng. Electric Co. Ltd.
Weil, R. F.

STOCKTON-ON-TEES

Ashmore, Benson, Pease & Co.
Dixon, Allan H.
British Chrome & Chem. Ltd.
Burningham, A. C. J.

STOKE-ON-TRENT

Thomas Bolton & Sons Ltd.
*Alkins, William Ernest

STOKE POGES

Fulmer Res. Inst. Ltd.
*Liddiard, E. A. G.

THORNABY-ON-TEES

Head Wrightson Steel Fdrs.
Johnson, Leonard

TRAFFORD PARK

Vickers Elec. Co.
Fleming, Sir A. P. M.

WARRINGTON

Rylands Bros. Ltd.
Rylands, Geoffrey Kirkland

WEMBLEY

General Electric Co. Ltd.
Jenkins, Dr. I.

WORTHING

Harris, Henry

SCOTLAND

AYRSHIRE

Glacier Metal Co.
*Green, Frank A.

BONNYBRIDGE

John G. Stein & Co. Ltd.
*Malcolm, Robert

RENFREW

Babcock & Wilcox Ltd.
Harris, Herbert

STIRLINGSHIRE

Hughes, H. P.

WALES

CARDIFF

Guste Keen Iron & Steel
Jolly, T.

HENGOED

S. W. Div. National Coal Bd.
Lancaster, Robert Claremont

PART TALBOT

Steel Co. of Wales Ltd.
Cartwright, W. F.
Evans, Rhys W.
Mac Kay, R. P. A.
M'Lean, Johns

SWANSEA

Steel Co. of Wales Ltd.
Barry, B. T. K.

GREECE

ATHENS

Alaco
*Conophagos, Constantin
Unaffiliated
Floridis, T. P.

LAURIUM

Mediterranean Mines Inc.
Yiannopoulos, J. G.

THESSALONIKE

Tsailas, D. P.

HUNGARY

MISKOLC

Weigl, Ernest

ITALY

AOSTA

Zoja, Raffaello

BOLAZNO

S.T.I.M.

*Zoppis, Renato

GENOVA

Cornigliano, S.P.A.
*Bianchini, Osvaldo
*Massobrio, Giorgio
*Ungaro, Salvatore
Soc. Fin. Siderurgica Finsider SPA
Carli, Adriano, Dr. Ing.
Socretecci, Prof. Antonio
Soc. Min. e Met. Di Pettusol
Sitia, Giovanni
Unaffiliated
De Thierry, Aldo

LAQUILA

Marconi Italiana S.P.A.
Koch, Renato

MILANO

A.F.L. Falck
Testero, Dr. Giuseppe
Inst. Ricerche Breda
*Reggiori, A.
Inst. S. M. L.
*Panseri, Prof. Carlo, Dr. Ing.
Techint Engrg. Co.
Rocca Roberto

TORINO

Fiat S.P.A.
Bagna, Giuseppe
Unaffiliated
Bordoni, Cesare
Taccone, D.L.

TURIN

Politecnico di Torino
Stragiotti, Lelio

LUXEMBOURG

Schmit, Rene

NETHERLANDS

AMSTERDAM

Univ. of Amsterdam
Rathenau, G. W.
Unaffiliated
Jacobs, Alvin J.

ARNHEM

Holl. Metall. Bedr.
De Jong, W. E. van Ryswyk
van der Laan, H. F.

DELFT

Bot, Alida C. W.

THE HAGUE

Armour Res. Foundation
*Planner, Dr. Bernard Paul
N. V. Billiton Mij.
Ebbinge, Herman, Dr. Ir.
Houwert, F. J.
Smid, T. J. C.
Octrooiraad
Cardozo, Alfred Lopes

EINDHOVEN

Bibl N. V. Philips
Meyering, J. L.

ROTTERDAM

Immink, Th. W.

UTRECHT

Koninkl. Demka Staalfabr.
Cartier van Dissel, E. D.

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Univ. of Delft
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Kon. Nederl. HooGovens en Staalfb N.V.
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EITRHEIM

Det Norske Zinkkompani A/S
Steintveit, Georg

JORPELAND

Stavanger Elec Staalverk A/S
Gjedebo, Finn

KIRKENES

Braaten, Tormod

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Elektrokemisk Fiskaa Verk
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KRISTIANSAND

Falconbridge Nikkelverk
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A/S Norsk Jernverk
Hansson, Per
Prestrud, Aksel K.

OSLO

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Anderson, J. K. L.
Christiania Spigerverk
*Poensgen, Werner C. F.
Elektrokemisk A/S
Lorck, Karl
E. Kiil
*Kill, Erling
A/S Norsk Jernverk
*Efjestad, Dagfin
A/S Sydvaranger
Kraft Johanssen, J.
Unaffiliated
Lovland, Paul

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Electric Furnace Products Co. Ltd.
Blegen, Harold
Eide, C.

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Norway Inst. of Tech.
*Lepsoe, Robert
*Rosenqvist, Terkel N.

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Krupkowski, Alex

GLIWICE

Met. Res. Inst.
Przegalinski, S. A.

WARSZAWA

Warsza Steel Works
Semkowicz, Adam

SPAIN

ANILES OVIEDO

Serrano, R. Diez

BARCELONA

Altos Hornos De Cataluna S.A.
Capmany, Jose

BILDAO

Balzola, Jose
Gamon, J.

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Univ. of Madrid
*Jimeno, Emilio
*Terraza, Jose

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Ludena, Julio G.

SWEDEN

AVESTA

Avesta Jernverk AB
Molinder, A. G.

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Caspersson, Stig C. O.
Walhsteen, Axel O.

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Bolidens Gruvaktebolag
Noren, A. B.

BROMMA

Kihlstedt, Per G.

DOMNARVET

Kopparbergs Bergslags
Kalling, Bo

FALUN

Stora Kopparbergs Bergslags AB
Josefsson, E. A. Ake

GOTEBORG

Elektriska Evetsnings at
Kjellberg, Bjorn O.
S. K. F.
Lundgren, Bengt G. S.

HALLSTAHAMMAR

AB Kanthal
Edwin, Bjorn
Stenfors, Erik

HOFORS

Hofors Bruk.
Bohm, Ivar S.

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Kolswa Jernverks AB
Nordstrom, Gunnar

LIDINGO

Willners, Harry

NACKA

Carlsson, C. Georg

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Nyby Bruks AB
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NYNASHAMN

AB Nynas Petro.
*Lundgren G. Th.

RONNINGE

Sundstrom, Birger

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Sandvik Steel Wks. Co. Ltd.
Angel, Truggve Gustaf
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Goransson, K. F.

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Boliden Mining Co.
Wallden, Sven J.
Bolidens Gruv AB
Elvander, Hans I.
Sundstrom, Olof A.

SMEDJEBACKEN

Smedjebackens Volsverks AB
Wijkander, Rutger

SODERFORS

Soderfors Bruk
Brannstrom, Per Gustaf

SOLNA

Hjerdin, Sven

STOCKHOLM

A. B. Atomenergi
Kiessling, Roland
A. B. Rosenblads Patenter
Von Knorring, H.
Bolidens Gruvaktiebolag
Herneryd, Olov F.
Grangesberg Oxelosund
Tigerschiold, M.
Jernkontoret
Notini, Ulf G.
U. Kalling, A. B.
*Kalling, Ulf C. F.
Kungl Tekniska Hogskolan
Wiberg, F. Martin
Metallografeska Inst.
Rudberg, Erik G.
Royal Inst. of Tech.
*Bjorling, Gotthard
*Hultgren, Axel
* Janelid, Ingvar
Swedish Assn. of Engrs.
Akerman, O. M. J.
Swedish Inst. Metals Res.
Hillert, Mats H.
Trafikaktiebolaget Grangesberg-Oxelosund
Danielsson, Christer P. A.

SURAHAMMAR

Surahammars Bruks
Ameen, Einar L.
Fornander, Sven G. E.
Unaffiliated
Ostberg, Jan Erik

TROLLHATTAN

A. B. Ferrolegeringar
*von Hofsten, Gerhard S.

VASTERAS

A. B. Svenska Metallverken
*Bergsman, E. Borje
Thalvelin, K. G.
Weber, R. D.
ASEA, Atomic Power Dept.
Magnusson, A.

SWITZERLAND

BASEL

Ciba Ltd.
*Bakish, Robert
Koeppel, Walter E.
Schaufelberger, F. A.

GENEVA

Union Carbide Europa
*Huber Max G.
Monaghan, J.
*Wittstruck, Heinz

LUCERNE

Von Moos Steelworks Ltd.
Kopczynski, Stan Z.

NEUHAUSEN AM RHEINFALL

AIAG/Forschungsinstitut
Bloch, Dr. E. A.

SCHAFFHAUSEN

George Fischer Ltd.
Werner, A.

WINTERTHOR

Zingg, Ernst

ZURICH

Koppers Co. Inc.
Denig, Fred
Alum.-Ind. A. G.
Muller, Paul H.
Unaffiliated
*Messner, Dr. O. H. C.

USSR

MOSCOW

Academy of Science
Kurdyumov, G. V.
Inst. of Metallurgy
Samarin, A. M.

YUGOSLAVIA

SISAK

Logomerac, V. G.

AFRICA

BELGIAN CONGO

ELIZABETHVILLE

Union Min. du Haut Katanga
Steygers, Louis J. E.

JADOTVILLE

Union Min. du Haut Katanga
De Merre, P.
Theys, Leon F.
Thoumsin, F. J.

BRITISH EAST AFRICA

KILEMBE

Kilembe Mines Ltd.
Langevad, Eric J.
Langley, J. N.

JINJA

Lee, George M.

EGYPT

CAIRO

Egyptian Iron & Steel Co.
*Taher, Samir

KENYA

NAIROBI

Mines & Geol. Dept.
Horne, William P.

MOROCCO

CASABLANCA

Soc. Min. et Met. de Penarro
Audisio, Francesco

NORTHERN RHODESIA

BROKEN HILL

Rhodesia Broken Hill Dev. Co. Ltd.
Bainbridge, Robert
Treilhard, D. G.

KITWE

Harris, I. R.

NDOLA

Ndola Copper Refining Co. Ltd.
Snelgrove, R.

PORTUGESE WEST AFRICA

LUANDA

Mota Ca Lda
Mendes, Manuel T.

NOVA LISBOA

Comp Mineira de Lobito
De Sousa Machado, F. J.

SOUTHERN RHODESIA

SALISBURY

Anglo Am. Corp. of S.A. Ltd.
Bayley, A. D. C.
Rhodesian Select. Trust Ltd.
Prain, Sir Ronald L. (O.B.E.)

UNION OF SOUTH AFRICA

GERMISTON

McKechnie Bros. S.A. Ltd.
Rae, John

JOHANNESBURG

Adams, Symes & Partners
Adams, Kenneth
Ashmore, Benson, Pease
Howe, Hedley
Barclays Bank
Wyly, Arthur J.
E. L. Bateman Ltd.
Vandergrift Lee, L.
Electrolytic Metal Corp.
Harris, Max
Johannesburg Cons. Inv. Co.
Westwood, R. J.
Scaw Metals Ltd.
*Ballantyne, William Brian

NABABEEP, NAMA QUALAND

Vose, James H., Jr.

CAPE PROVINCE

Kehew, F. O.

VANDERBIGL PARK

Heggie, R. G.

VIA SINOIA

Mot Mangula Ltd. Mill Off.
Hattingh, A. M.

MIDDLE EAST

IRAN

TEHERAN

Zahedi, F.

ISRIAL

HAIFA

Neger Engineers Co.
*Hoffman, Itzhak

PERSIAN GULF

AWALI BAHRAIN

Bahrain Petr. Co. Ltd.
Steeb, Edwin F.

TURKEY

ANKARA

U.S. Dept. of State
Murdock, Thomas G.

KARABUK

Met. Yuksek Muhendisi
Ulubay, Ali

SALIHLI

T.A.M.S.
*Sipp, George F.

ASIA

BURMA

NSEIN

Steel Plant
Myint, Soe

RANGOON

Gov't of Burma
Maung, M. Than
Unaffiliated
Shwe, Tin Maung

CHINA

PEIPING

Woo, Yang Tsang

TIENTSIN

Kwang, K. Y.

HONG KONG

HONG KONG

Leung, Michael S. K.

INDIA

AMBALA, PANJAB

Gupta, R. Dass

ANDHRA, PRADESH

Venkateswarlu, G.

BOMBAY

Atomic Energy Est.
Prakash, Brahm
Indian Standard Metal, Ltd.
Jasdanwalla, F. A.
Unaffiliated
Aiyer, K. V.
Patel, M. S.
Ramaswami, B.

BURDWAN, WEST BENGAL

Chaudhuri, Sibdas

BURNPUR, WEST BENGAL

Indian Iron & Steel Co., Ltd.
Gupta, Asoka

CALCUTTA

M. N. Dastur & Co.
Dastur, Minu N.
Pearce, Jai
Indian Gov't Mint
Rajagopalan, Seshad
Indian Inst. of Metals
Antia, Dara P.
M. S. Sfrajuddin & Co.
Rao, Maganti V.
Unaffiliated
Bhattacharyya, S.
Ghosh, Satya R.
Singh, Lal B.

FARRUX HABAD

Agarwala, I. C.

HOWRAH, WEST BENGAL

Datta, Mrinal K.
Pain, Bijay K.

JAMSHEDPUR

Nat. Metallurgical Lab.
Nijhawan, Bal Raj

JUBBULPORE

Gun Carriage Factory
Wilks, Allan D.

KANPUR

S. P. Engrg. Corp.
Taluja, Shamsher S.

KOLAR GOLD FIELDS

Mysore Gold Min. Co. of India
Rao, C. G. N.

MADRAS

Sridhar, P.

MANBHUM, BIHAR

Metal Corp. of India
Mackertoom, J. H.
Sarkar, S.

NEW DELHI

Hindustan Steel (P) Ltd.
*Arora, Rajendra K.
*Gopalan, K. R.
Unaffiliated
Renick, Abbott

ORISSA

Hindustan Steel (P) Ltd.
Baijal, S. D.
Unaffiliated
Jena, Laxmidhar
Mohanty, Rajani K.

PATNA, BIHAR

Prasad, Bhagwat

PILAN RAJASTHAN

Birla College of Engrg.
Jerath, R.

SINGHBUM, BIHAR

Indian Copper Corp. Ltd.
Berry, John G.

VARANASI

Banaras Hindu Univ.
Kumar, Rajendra

JAPAN

AKITA KEN

Dowa Mining Co.
Tsunoda, S.

FUKUOKA KEN

Kyushu Inst. of Tech.
Kamura, H.

IBARAGIKEN

Japan Atomic Energy Res. Inst.
Taketani, Kiyoaki

KAGAWA-KEN

Mitsubishi Metal Min. Co.
Nagano, Takeshi
Tanaka, Toshio

KAWAGUCHI SAITAMA

Resources Res. Inst.
Nakazawa, Genichi

KYOTO

Kyoto University
Mori, Toshisada
Unaffiliated
Sawamura, Hiroshi

NAGOYA

Gov. Indust. Res. Inst.
*Matsumura, Gentaro

OKAYAMA-KEN

Shinagawa Fire Brick Co.
*Mori, Sadao

OSAKA

Osaka Univ.
Nenno, Soji
Yoshioka, Shozo
Sumitomo Metal Ind., Ltd.
*Onaka, Toshiro

SAKAI CITY

Sakai Chem. Indust.
Nakanishi, K.

SAPPORO

Hokkaido Univ.
Kichizo, Nima

SENDAI

Tohoku Univ.
Fuwa, Tasuku
Saegusa, Fumihiko
Sanbongi, Koji
Sudo, K.

TOKYO

Aeronautical Res. Inst.
Kohara, Shiro
Furukawa Mining Co.
*Katsoki, Toshio
Tamura, Tadao
Japan Defense Dept.
Igasaki, Toshio
Japan Nickel Info. Center
Fujiwara, Tadayoshi
Japan Special Steel Co.
Watanabe, Seiichiro
Mitsubishe Metal Min. Co.
Yamagata, Shiro
Mitsui Mining & Smelting Co.
Tokunaga, Sunao
Nippon Light Metal Co.
Yamada, Yukichi
Nippon Usiminas
Wood, Renato
Oppu Kogyo KK
Okubo, Hazuo
Steel Makers, Japan
*Robinson, Joseph
Sumitomo Metal Min. Co.
Miyata, Tatsuro
Nakabe, Sania
C. T. Takahashi & Co., Ltd.
Kasahara, Tamio
Toyo Kohan Co., Ltd.
*Yoshizaki, Kozo
Tsutsumi Int'l Patent Agency
*Tsutsumi, Eizaburo
Univ. of Tokyo
Hasiguti, Ryukiti R.
*Mishima, Yoshitsugu
Unaffiliated
Inouye, Tadashiro
Kimura, Miroshi
Ujiiye, Nobuhisa

YAWATA CITY

Yawata Iron & Steel Co.
Ohtake, Tadashi
*Wada, Kamekichi

YOKAHAMA
Tadao, Tomonardi
Tomiyama, Eitaro

KOREA

Seoul

Seoul Nat'l Univ.
Kim, T. H.
Samsung Mining Co.
Lee, Chong

MALAYA

KUALA LUMPUR

Univ. of Malaya
Yuan Hu, Paul

PENANG

Eastern Smelting Co.
Griffin, Noel W.

PAKISTAN

KARACHI

Hoa, Ihsan Ul

AUSTRALIA

NEW SOUTH WALES

ALEXANDRIA

Commonwealth Indust. Gases Ltd.
Witt, Erik H.

BROKEN HILL

Broken Hill Sth. Ltd.
Howell, M. W.

KOTARA

Anderton, J.

NEWCASTLE

Bishop, George H.

NEW LAMBTON

Hosking, H. W.

PORT KEMBLA

Aust. Iron & Steel Ltd.
Knight, R. L.
Miller, C. W.
Unaffiliated
Evans, Arthur F.
Pearson, R. J. B.

SYDNEY

School of Metall. Univ. of NSW
Price, E. G.

WARATAH

Commonwealth Steel Co.
Hamilton, Frank A.

WOLLONGONG

Australian Iron & Steel
Newman, Colin
Parish, A. A.
Thompson, J. W.
Unaffiliated
Lees, John W.

QUEENSLAND

BRISBANE

Univ. of Queensland
White, Frank T. M.
Unaffiliated
Krottschnitt, J.
Noble, Peter J.
Turney, Robert J.

COOLANGATTA

Pullar, S. S.

MT. ISA

Staff Quarters Mine Side
Borgelt, B. V.

MT. MORGAN

Shell, Glenister

SOUTH AUSTRALIA

ADELAIDE

Broken Hill Prop. Co. Ltd.
Kleeman, R. T.

PORT PIRIE

Broken Hill Assoc. Pty. Ltd.
Green, Frank A.
Unaffiliated
Hopkins, Robert J.

WHYALLA

Broken Hill Pty. Co. Ltd.
Bennett, Keith M.

TASMANIA

HOBART

Kirby, Noel

LAUNCESTON

MacKay, A. D.

VICTORIA

BLACKBURN

Jackson, Norton

BLACK ROCK SQUARE

Snowden, K. U.

CAMBERWELL

Trengove, J. B.

CLAYTON

Allied Ironfounders Ltd.
Rutherford, W. J.

MELBOURNE

The Broken Hill Pty. Co. Ltd.
Carne, Ian H.
Jones, N. E.
Lewis, Essington
Norgard, John D.
Broken Hill Assoc. Smelt.
Russell, Reuben S.
Consolidated Zinc Corp. Ltd.
Williams, Geo. K.
Elec. Zinc Co. of Australia
Hey, Harry
Royal Melbourne Tech Col.
Dunbar, Alan F.
Unaffiliated
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Osborn, C. J.

WESTERN AUSTRALIA

WHITTENOOM GORGE
Australian Blue Asbestos
Whitford, Hedley

OCEANIC

NEW ZEALAND

ARDMORE

Ardmore College
Titchener, A. L.

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Alexander, Douglas

INVERCARGILL

Billinghurst, W. M.

THAMES

A. & G. Price
Chubb, W. F.

WELLINGTON

Marshall, T.

OKINAWA

NAHA

Amer. Eng. Corp.
Seng, Kwan

PHILIPPINES

ILIGAN CITY

Iligan Steel Mill
Robles, Esteban O.

MANILA

Benguet Con Mining Co.
Westerdarl, C. A.
Unaffiliated
Fojas, Eiberto R.
Paez, Jose Miguel

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Evangelista, G. B.

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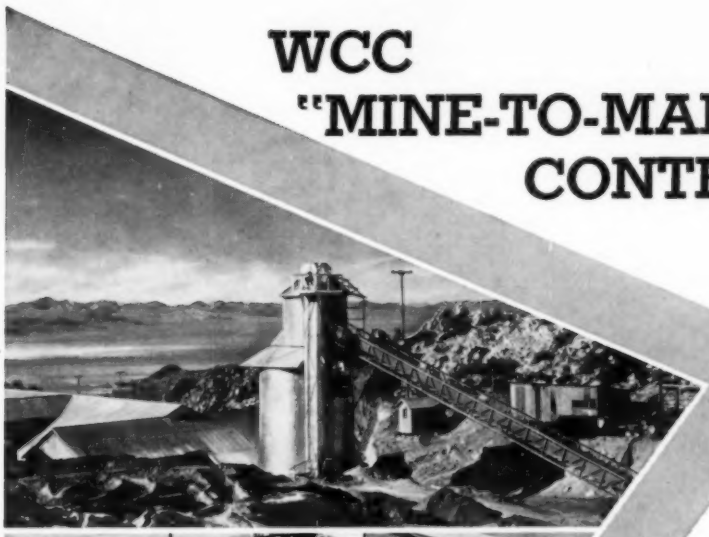

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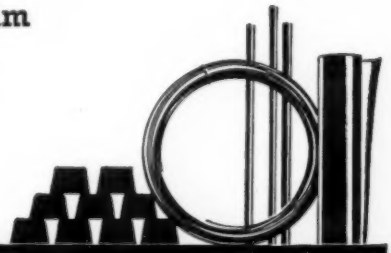

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